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STATE OF WEST VIRGINIA

DEPARTMENT OF HEALTH

HEALTH STATISTICS CENTER

THIRTY-THIRD ANNUAL REPORT
VITAL HEALTH STATISTICS
OF
WEST VIRGINIA
1979

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FOREWORD

Data used to prepare this report are taken from birth, death, fetal (stillborn), marriage and divorce certificates of these events occurring in calendar year 1979 and filed in the Office of the West Virginia Registrar of Vital Statistics prior to April 1, 1980. Vital events occurring to West Virginia residents in other states, and recorded in the office of the registrar by April 1 are also included in totals by residence.

All statistics contain variations, which are the result of chance. This characteristic is of particular importance in classification with small numbers of events where small variations are proportionately large in relation to the base figure. As an example, small changes in the number of deaths or births in small population areas or in the number of deaths from uncommon causes could result in large changes in these rates. For this reason, rates for counties with small populations or other small bases should be used cautiously.

Our efforts to make this report more useful in planning and evaluation have continued. Additional data tables displaying vital statistics by county have been included in this report to meet the increasing needs of our data users.

Suggestions and comments on alternate methods of data presentation are welcome. Forward any suggestions to the address below.

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METHODOLGY

Place of Residence Vs. Place of Occurrence

Date on vital events can be gathered and presented in either of two basic ways. Data on deaths, for example, can be tallied according to the county in which the death occurred, or according to the county of residence of the deceased. As an example of these difference, in 1979 there were 2,201 deaths to people who listed Kanawha County as place of residence. There were 2,636 deaths listed as occurring in those by residence. Lincoln County, with the centralized medical care available in Kanawha, showed an opposite situation -- 201 deaths by residence compared to 74 deaths by occurrence. Except in Table 22 and Table 35 the mortality data presented in this report is based on county of residence. If we look at the 1979 West Virginia births, we see that 29,590 (99.5%) of the 29,726 were hospital births. Hence centralization of medical facilities is once again a factor, and thus, the births in the annual report, except in Table 8, are, like the death data, listed by county of residence.

Georgraphic Classification

The county has been used as the basic unit of tabulation throughout this report. Data have also been supplied by health planning regions and, of course, for the total state. In some instances data have been supplied for Standard Metropolitan Statistical Areas (SMSA) and individual cities.

Cause of Death Classification

The cause of death is coded from information contained in the medical certification section of the death certificate. This portion of the certificate is completed by the attending physician. In the case of an unattended death, the medical examiner is responsible for investigation and certification. As a general rule, data preceding 1949 cannot be accurately compared with that of later years due to the extensive revision of the coding rules made at that time. However, it was felt that large causal categories could be compared. See Appendix B - Grouping of ICDA Codes for a listing of these selected causes.

International Classification of Diseases (ICDA)

The primary cause of death was coded in accordance with the Ninth Revision of the International Classification of Diseases, Adapted for Use in the United States, 1975 (ICDA). The deaths with codes 000 through 799 were coded using the "nature of injury" while those with codes 800 through 999 were coded using the E or "external cause" of death. The E codes have been used to show a death was due to an external rather than an internal cause. Thus a death due to a gun shot wound would be coded using an E code while a death due to cancer would not.

In several tables indivudual causes of death have been grouped into important selected causes of death. The ICDA codes for the different groupings can be found in Appendix B.

Population

Population estimates for 1978 used throughout this report are from the U.S. Department of Commerce, Bureau of the Census publication, "Current Population Reports", Series P-26, No. 78-48. The provisional population estimates for 1979 are from another Bureau of Census publication, "Population Estimates and Projections", Series P-25, No. 875. The population estimates by county have been rounded to the nearest hundred without being adjusted to the state total, which was independently rounded to the nearest thousand.

Forms

The following is a list of the certificates and forms used in obtaining the data used in this publication. A sample copy of each can be found in Appendix A.

Certificate of Live Birth
Physician's Certificate of Death
Medical Examiner's Certificate of Death
Certificate of Fetal Death
Application for Marriage License
Monthly Report of Divorces and Annulments of Marriage Granted

Rates and Ratios

The impact of chance variation must be considered in evaluating categories with small frequencies. For example, a small change in the number of infant deaths in a county can disproportionately affect the infant mortality rate for that county. Thus, rates for cities and counties require special consideration. Regional and state rates, with larger frequencies, result in more realistic data.

Rates used in this report are calculated with 1978 provisional population figures as provided by the Bureau of the Census. The following rates and ratios are used throughout this report.

$$\text{Birth Rate (Crude)} = \frac{\text{Number of live births}}{\text{Population}} \times 1{,}000$$

$$\text{Death Rate (Crude)} = \frac{\text{Number of deaths}}{\text{Population}} \times 1{,}000$$

$$\text{Cause of Death Rate} = \frac{\text{Number of deaths from a stated cause}}{\text{Population}} \times 100{,}000$$

$$\text{Infant Death Rate} = \frac{\text{Number of infant deaths}}{\text{Number of live births}} \times 1{,}000$$

$$\text{Neonatal Death Rate} = \frac{\text{Number of neonatal deaths}}{\text{Number of live births}} \times 1{,}000$$

$$\text{Fetal Death Ratio} = \frac{\text{Number of fetal deaths}}{\text{Number of live births}} \times 1{,}000$$

$$\text{Maternal Death Rate} = \frac{\text{Number of maternal deaths}}{\text{Number of live births}} \times 100{,}000$$

DEFINITIONS

LIVE BIRTH - A live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such separation, breaths or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

BIRTH WEIGHT - The weight of the fetus or infant at the time of delivery.

CAUSE OF DEATH - The underlying cause of death, or that condition giving rise to the chain of events leading to death.

FETAL DEATH (STILLBIRTH) - Death prior to the complete expulsion or extraction from its mother of a product of conception, having passed through at least the 20th week of gestation; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

INFANT DEATH - Death occurring to an individual of less than 1 year of age.

MATERNAL DEATH - Death attributable to delivery or a complication of pregnancy, childbirth, or the puerperium as defined by the International Classification of Diseases.

NEONATAL DEATH - The death of a liveborn infant which occurs within the first 27 days of life.

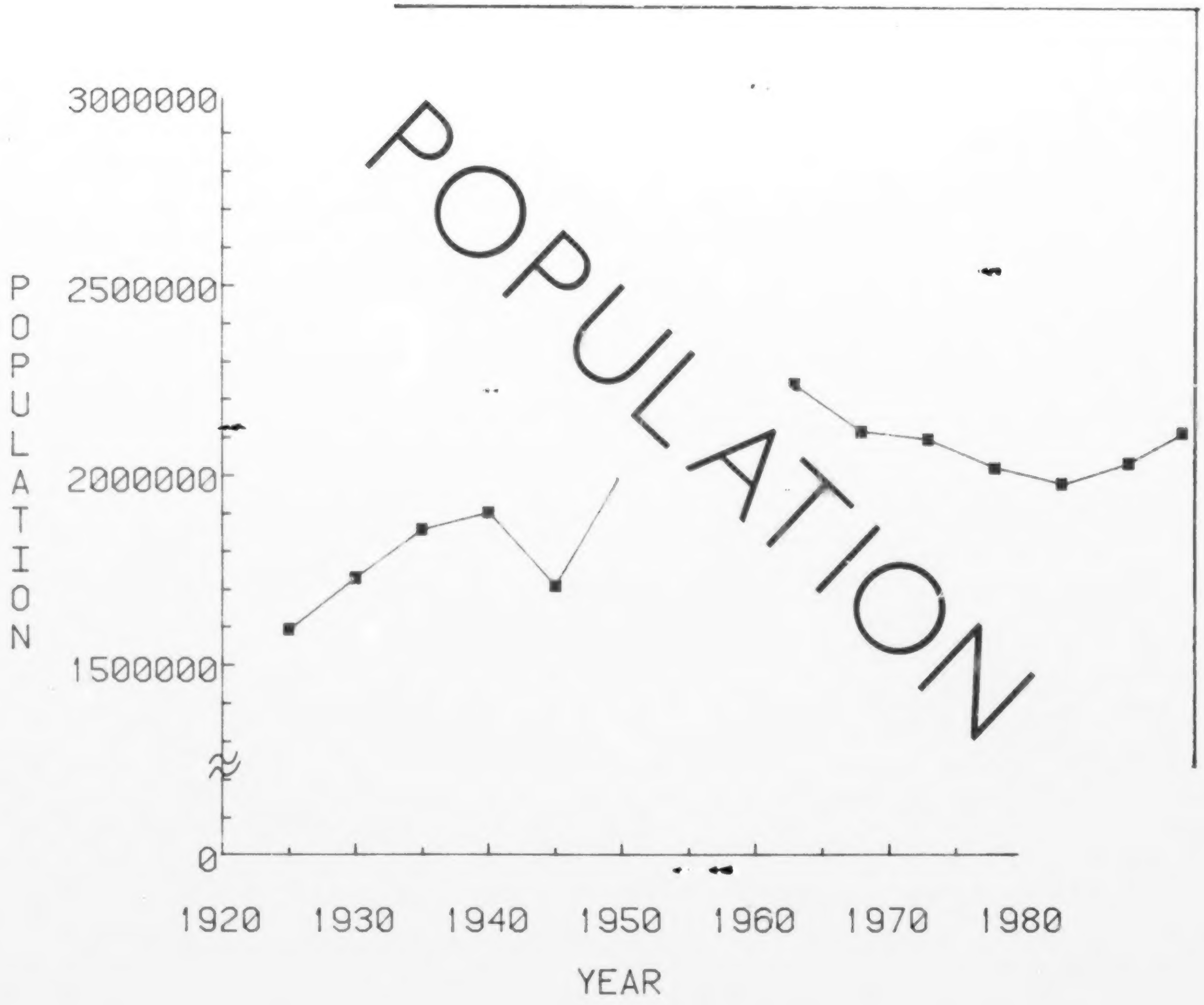
OCCURRENCE DATA - Vital statistics compiled on the basis of where the vital event actually occurred.

RESIDENCE DATA - Vital statistics compiled on the basis of the usual place of residence of the person(s) to whom the vital event occurred. For births and fetal deaths residence is defined as the mother's usual place of residence.

1979
VITAL STATISTICS REVIEW

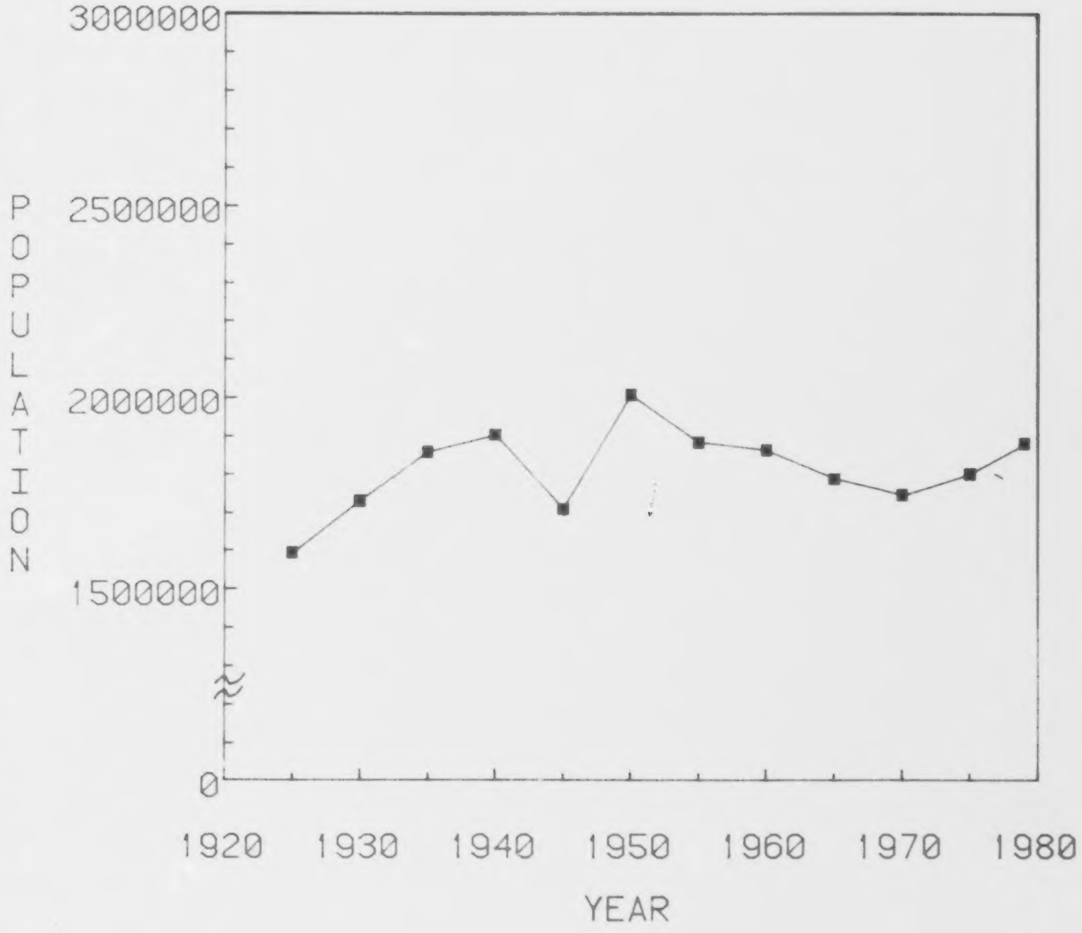
POPULATION (1978 Provisional Estimate) 1,860,000

	Number	Rate
LIVE BIRTHS	29,726	15.8 per 1,000 population
FETAL DEATHS	332	11.2 per 1,000 live births
DEATHS	18,871	10.1 per 1,000 population
NEONATAL DEATHS	269	9.0 per 1,000 live births
INFANT DEATHS	408	13.7 per 1,000 live births
MATERNAL DEATHS	7	23.5 per 100,000 live births
MARRIAGES	17,738	9.5 per 1,000 population
DIVORCE & ANNULMENTS	10,046	5.4 per 1,000 population


POPULATION
3000000
2500000
2000000
1500000
0
P O P U L A T I O N
1920
1930
1940
1950
1960
1970
1980
YEAR

WEST VIRGINIA POPULATION 1925-1979

Exhibit 1



Year	Population	Change in Population	
		Years	Percentage Change
1925	1,593,005		
1930	1,729,205	1925 to 1930	8.5
1935	1,856,354	1930 to 1935	7.4
1940	1,901,974	1935 to 1940	2.5
1945	1,708,000	1940 to 1945	-10.2
1950	2,005,552	1945 to 1950	17.4
1955	1,880,000	1950 to 1955	- 6.3
1960	1,860,421	1955 to 1960	- 1.0
1965	1,786,000	1960 to 1965	- 4.0
1970	1,744,237	1965 to 1970	- 2.3
1975	1,803,000	1970 to 1975	3.1
1979	1,878,000	1975 to 1979	4.4

WEST VIRGINIA POPULATION 1960-1978

County and Region

Table 1

County	April 1, 1960	April 1, 1970*	July 1, 1977**	July 1, 1978***	Percent Change 1960-1970	Percent Change 1970-1978
TOTAL	1,860,421	1,744,237	1,853,000	1,860,000	- 6.2%	6.6
Region 1:	279,451	238,532	264,600	265,000	-14.6%	11.1
McDowell	71,359	50,666	52,800	51,700	-29.0%	2.0
Mercer	68,206	63,206	68,300	68,800	- 7.3%	8.9
Monroe	11,584	11,272	12,400	13,100	- 2.7%	16.2
Raleigh	77,826	70,080	82,400	83,100	-10.0%	18.6
Summers	15,640	13,213	14,700	14,800	-15.5%	12.0
Wyoming	34,836	30,095	34,000	33,500	-13.6%	11.3
Region 2:	293,217	266,766	279,300	278,700	- 9.0%	4.5
Cabell	108,202	106,918	105,800	104,600	- 1.2%	- 2.2
Lincoln	20,267	18,912	21,600	21,800	- 6.7%	15.3
Logan	61,570	46,269	48,900	48,900	-24.9%	5.7
Mason	24,459	24,306	25,900	25,700	- 0.6%	5.7
Mingo	39,742	32,780	36,800	36,600	-17.5%	11.7
Wayne	38,977	37,581	40,300	41,100	- 3.6%	9.4
Region 3:	317,192	291,588	300,700	301,000	- 8.1%	3.2
Boone	28,764	25,118	29,700	29,400	-12.7%	17.0
Clay	11,942	9,330	10,500	10,600	-21.9%	13.6
Kanawha	252,925	229,515	227,400	227,300	- 9.3%	- 1.0
Putnam	23,561	27,625	33,100	33,700	17.2%	22.0
Region 4:	145,446	122,653	136,400	137,600	-15.7%	12.2
Fayette	61,731	49,332	55,300	55,300	-20.1%	12.1
Greenbrier	34,446	32,090	34,800	35,100	- 6.8%	9.4
Nicholas	25,414	22,552	26,300	26,500	-11.3%	17.5
Pocahontas	10,136	8,870	9,000	9,400	-12.5%	6.0
Webster	13,719	9,809	11,000	11,300	-28.5%	15.2
Region 5:	152,958	160,380	168,800	172,500	4.9%	7.6
Calhoun	7,948	7,046	8,000	8,200	-11.3%	16.4
Jackson	18,541	20,903	23,200	23,900	12.7%	14.3
Pleasants	7,124	7,274	7,900	7,900	2.1%	8.6
Ritchie	10,877	10,145	10,400	10,300	- 6.7%	1.5
Roane	15,720	14,111	15,400	15,300	-10.2%	8.4
Tyler	10,026	9,929	10,300	10,600	- 1.0%	6.8
Wirt	4,391	4,154	4,700	4,900	- 5.4%	18.0
Wood	78,331	86,818	88,900	91,400	10.8%	5.3

WEST VIRGINIA POPULATION 1960-1978
County and Region
Table 1 (cont'd)

County	April 1, 1960	April 1, 1970*	July 1, 1977**	July 1, 1978***	Percent Change 1960-1970	Percent Change 1970-1978
Region 6:	246,403	243,820	259,400	259,100	- 1.0%	6.3
Doddridge	6,970	6,389	6,900	7,100	- 8.3%	11.1
Harrison	77,856	73,028	76,300	75,800	- 6.2%	3.8
Marion	63,717	61,356	64,500	64,700	- 3.7%	5.5
Monongalia	55,617	63,714	68,300	67,900	14.6%	6.6
Preston	27,233	25,455	27,700	28,400	- 6.5%	11.6
Taylor	15,010	13,878	15,700	15,200	- 7.5%	9.5
Region 7:	110,778	103,460	112,000	112,300	- 6.6%	8.5
Barbour	15,474	14,030	16,200	16,500	- 9.3%	17.6
Braxton	15,152	12,666	13,200	13,000	-16.4%	2.6
Gilmer	8,050	7,782	8,000	8,100	- 3.3%	4.1
Lewis	19,711	17,847	18,100	17,900	- 9.5%	0.3
Randolph	26,349	24,596	26,600	26,600	- 6.7%	8.1
Tucker	7,750	7,447	7,800	8,000	- 3.9%	7.4
Upshur	18,292	19,092	22,100	22,200	4.4%	16.3
Region 8:	59,764	59,312	65,000	66,500	- 0.8%	12.1
Grant	8,304	8,607	9,000	9,200	3.6%	6.9
Hampshire	11,705	11,710	13,600	14,400	0.0%	23.0
Hardy	9,308	8,855	9,400	9,600	- 4.9%	8.4
Mineral	22,354	23,109	25,600	25,700	3.4%	11.2
Pendleton	8,093	7,031	7,400	7,600	-13.1%	8.1
Region 9:	60,832	66,183	76,500	77,500	8.8%	17.1
Berkeley	33,791	36,356	42,000	42,300	7.6%	16.3
Jefferson	18,665	21,280	25,200	25,700	14.0%	20.8
Morgan	8,376	8,547	9,300	9,500	2.0%	11.2
Region 10:	125,825	121,351	119,900	120,500	- 3.6%	- 0.7
Marshall	38,041	37,598	39,700	40,100	- 1.2%	6.7
Ohio	68,437	63,439	59,500	59,300	- 7.3%	- 6.5
Wetzel	19,347	20,314	20,700	21,100	5.0%	3.9
Region 11:	68,555	70,192	70,500	68,900	2.4%	- 1.8
Brooke	28,940	30,443	30,700	30,100	5.2%	- 1.1
Hancock	39,615	39,749	39,800	38,800	0.3%	- 2.4

*Source: Population April 1, 1970 Census as prepared by the U. S. Department of Commerce, Bureau of the Census, "Current Population Reports", Series P-26, No. 77-48.

**Source: 1977 Revised Population Estimates as prepared by the U. S. Department of Commerce, Bureau of the Census, "Current Population Reports", Series P-26, No. 78-48.

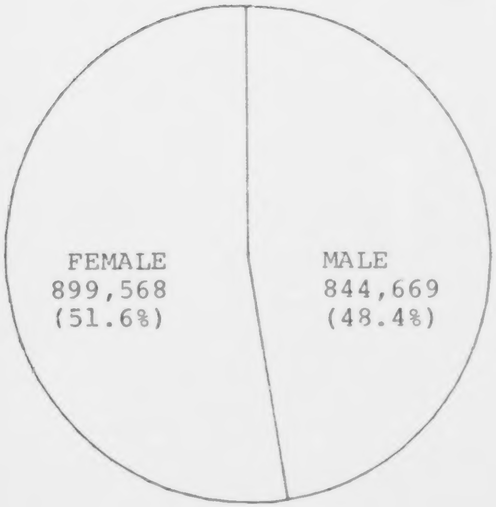
***Source: 1978 Provisional Population Estimates as prepared by the U. S. Department of Commerce, Bureau of the Census, "Current Population Reports", Series P-26, No. 78-48.

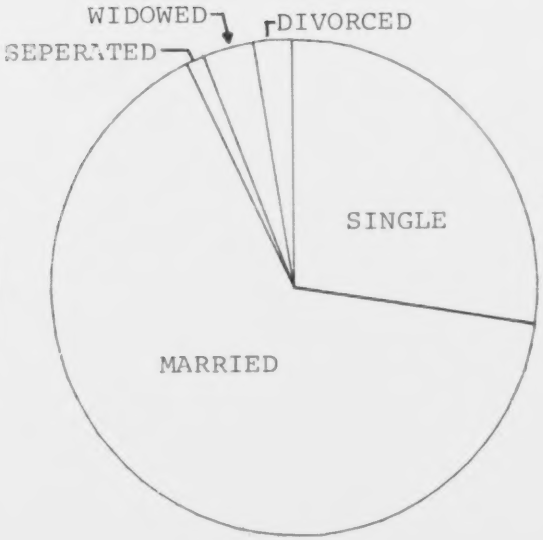
Note: The population estimates by county and region has been rounded to the nearest hundred without being adjusted to the State total, which was independently rounded to the nearest thousand.

WEST VIRGINIA POPULATION CHARACTERISTICS

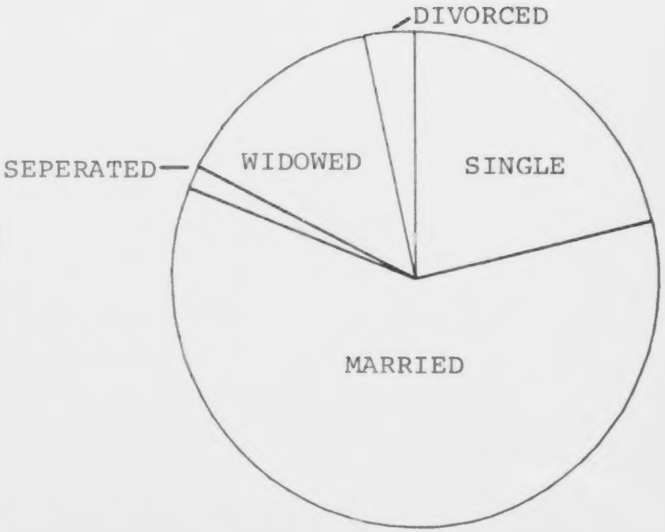
U.S. Census, 1970

Exhibit 2





MALE, 14 years and older



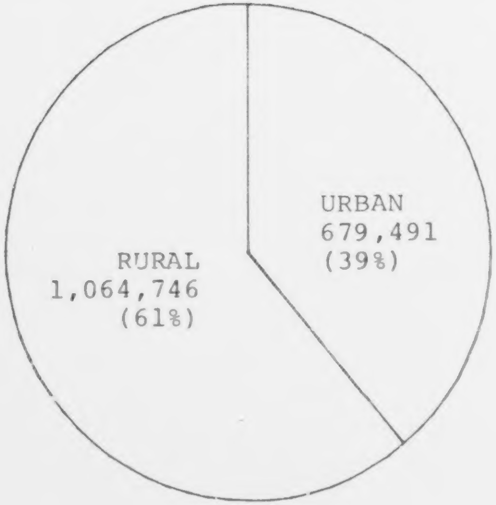
FEMALE, 14 years and older

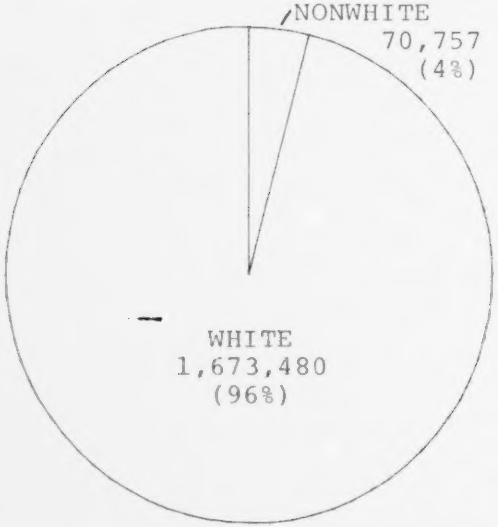
Marital Status (14 years & over)	Male		Female	
	Number	Percent	Number	Percent
Single	170,626	27.5	146,086	21.3
Married (except separated)	406,327	65.5	409,882	59.8
Separated	7,172	1.2	10,273	1.5
Widowed	21,049	3.4	96,646	14.1
Divorced	15,519	2.5	22,644	3.3
TOTAL	620,693	100.0	685,531	100.0

WEST VIRGINIA POPULATION CHARACTERISTICS

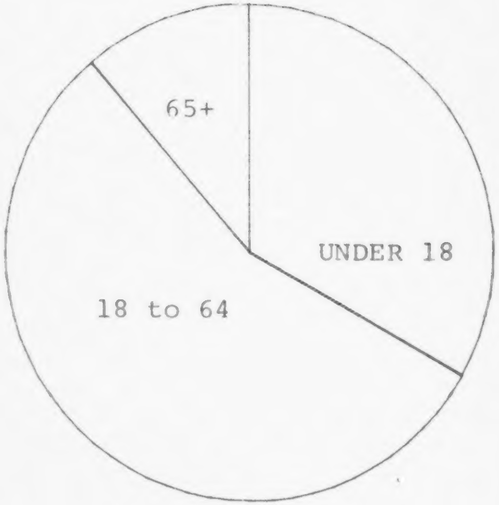
U.S. Census, 1970

Exhibit 2 (cont'd)





RACE



AGE DISTRIBUTION

Age	Number	Percent
Under 18	580,237	33.3
18 to 64	969,526	55.6
65 and over	194,474	11.1
TOTAL	1,744,237	100.0

WEST VIRGINIA POPULATION 1950-1978

Density by Region and County

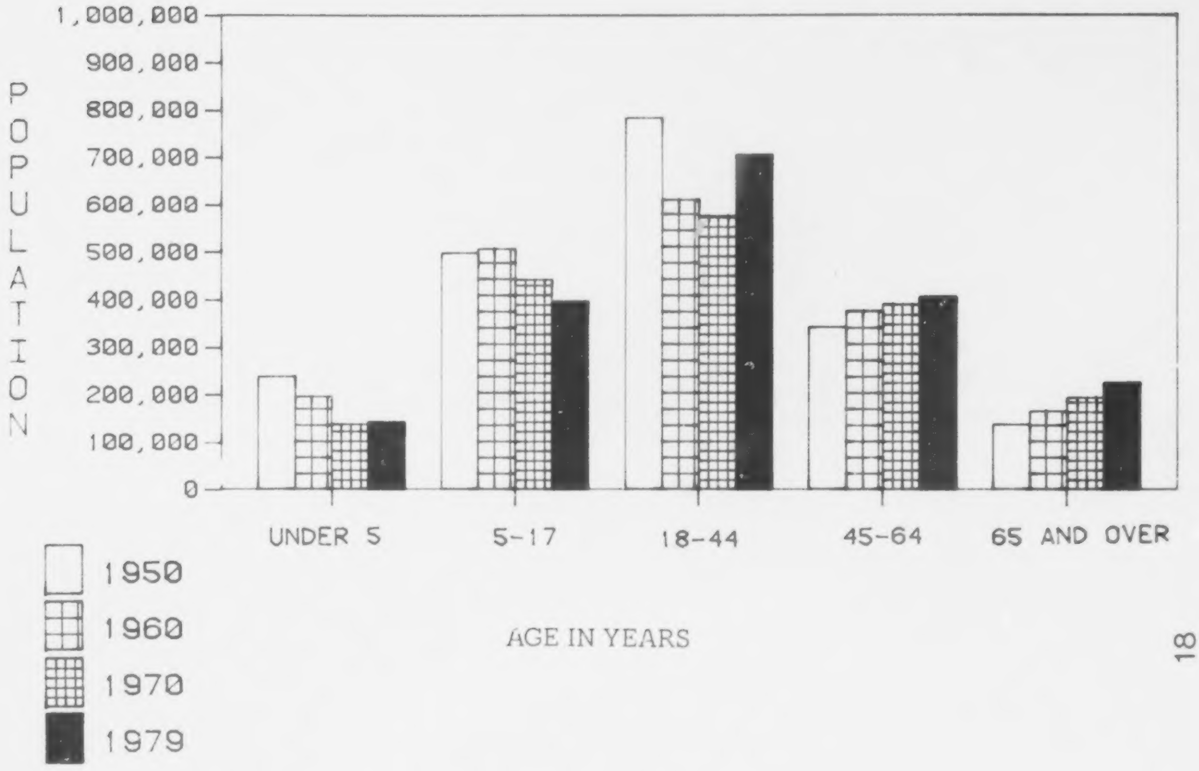
Table 2

County of Residence	Land Area in Sq. Miles	Population Density (People per Square Mile)						
		1950	1960	1970	1976	1977	1978	1970-1978 Change in Density
TOTAL	24,071	83	77	72	76	77	77	5
Region 1:	2,882	118	97	83	90	92	92	9
McDowell	533	186	134	95	98	99	97	2
Mercer	417	180	164	152	161	164	165	13
Monroe	473	28	24	24	26	26	28	4
Raleigh	605	159	129	116	133	136	137	21
Summers	350	55	45	38	41	42	42	4
Wyoming	504	75	69	60	66	67	66	6
Region 2:	2,542	125	115	105	109	110	110	5
Cabell	279	387	388	383	378	379	375	-8
Lincoln	438	51	46	43	49	49	50	7
Logan	456	170	135	101	105	107	107	6
Mason	433	54	57	56	60	60	59	3
Mingo	423	112	94	77	86	87	87	10
Wayne	513	75	76	73	77	79	80	7
Region 3:	2,099	147	151	139	141	143	143	4
Boone	501	66	57	50	58	59	59	9
Clay	343	44	35	27	30	31	31	4
Kanawha	907	264	279	253	249	251	251	-2
Putnam	348	60	68	79	92	95	97	18
Region 4:	3,825	47	38	32	35	36	36	4
Fayette	663	124	93	74	82	83	83	9
Greenbrier	1,026	38	34	31	33	34	34	3
Nicholas	642	43	40	35	40	41	41	6
Pocahontas	943	13	11	9	9	10	10	1
Webster	551	33	25	18	20	20	21	3
Region 5:	2,668	54	57	60	62	63	65	5
Calhoun	281	37	28	25	28	28	29	4
Jackson	461	33	40	45	49	50	52	7
Pleasants	129	49	55	56	60	61	61	5
Ritchie	452	28	24	22	23	23	23	1
Roane	486	38	32	29	31	32	31	2
Tyler	256	41	39	39	39	40	41	2
Wirt	235	22	19	18	20	20	21	3
Wood	368	181	213	236	239	242	248	12

WEST VIRGINIA POPULATION 1950-1978
Density by Region and County
Table 2 (cont'd)

County of Residence	Land Area In Sq. Miles	Population Density (People per Square Mile)						
		1950	1960	1970	1976	1977	1978	1970-1978 Change in Density
Region 6:	2,232	124	110	109	115	116	116	7
Doddridge	319	28	22	20	21	22	22	2
Harrison	418	204	186	175	182	183	181	6
Marion	311	230	205	197	205	207	208	11
Monongalia	365	167	152	175	187	187	186	11
Preston	645	49	42	39	43	43	44	5
Taylor	174	106	86	80	89	90	87	7
Region 7:	3,392	38	33	31	33	33	33	2
Barbour	341	58	45	41	47	48	48	7
Braxton	511	35	30	25	26	26	25	0
Gilmer	339	29	24	23	23	24	24	1
Lewis	392	54	50	46	46	46	46	0
Randolph	1,036	30	25	24	25	26	26	2
Tucker	421	25	18	18	18	19	19	1
Upshur	352	55	52	54	61	63	63	9
Region 8:	2,727	23	22	22	24	24	24	2
Grant	478	18	17	18	18	19	19	1
Hampshire	639	20	18	18	21	21	23	5
Hardy	585	17	16	15	16	16	16	1
Mineral	330	68	68	70	77	78	78	8
Pendleton	695	13	12	10	11	11	11	1
Region 9:	760	73	80	87	99	101	102	15
Berkeley	316	96	107	115	131	133	134	19
Jefferson	211	81	88	101	116	119	122	21
Morgan	233	36	36	37	39	40	41	4
Region 10:	773	167	163	157	156	155	156	-1
Marshall	304	121	125	124	130	131	132	8
Ohio	106	676	646	598	569	561	559	-39
Wetzel	363	56	53	56	57	57	58	2
Region 11:	171	358	401	410	413	412	403	-7
Brooke	88	306	329	346	349	349	342	-4
Hancock	83	414	477	479	482	480	467	-12

WEST VIRGINIA POPULATION 1950-1979
Age Distribution
Exhibit 3



Age in Years	1950****	1960***	1970**	1979*
Under 5 Years	240,107	196,291	138,249	142,000
5 - 17 Years	499,748	507,531	441,988	397,000
18 - 44 Years	783,444	612,461	577,787	706,000
45 - 64 Years	343,727	377,888	391,739	407,000
65 & Over	138,526	166,250	194,474	226,000

****1950 United States Census of Population
***United States Census of Population 1960 - Detailed Characteristics
**From 1970 Census of Population - General Population Characteristics
*Population Estimates and Projection Series P-25, No. 875

WEST VIRGINIA POPULATION 1900-1970
Age Group and Sex
Table 3

AGE	POPULATION BY YEAR			
	1900	1910	1920	1930
TOTAL	958,800	1,221,119	1,463,701	1,729,205
Under 5 years	135,465	169,118	195,934	207,087
5 to 9 years	121,689	148,179	184,372	220,366
10 to 14 years	110,729	131,027	164,147	193,265
15 to 19 years	103,994	125,145	141,311	175,834
20 to 24 years	96,672	121,514	129,842	153,487
25 to 34 years	143,947	195,663	217,406	247,396
35 to 44 years	98,705	139,788	178,251	206,790
45 to 54 years	69,273	90,793	122,713	156,126
55 to 59 years	23,967	31,129	38,331	53,548
60 to 64 years	18,336	24,627	32,468	41,530
65 to 74 years	22,744	30,244	39,655	50,872
75 and over	9,492	11,948	16,485	22,171
Not Reported	3,787	1,944	2,786	733
Median Age	20.3	21.5	21.7	22.2
Total Male	499,242	644,044	763,100	889,871
Total Female	459,558	577,075	700,601	839,334

AGE	POPULATION BY YEAR			
	1940	1950	1960	1970
TOTAL	1,901,974	2,005,552	1,860,421	1,744,237
Under 5 years	196,579	240,107	196,291	138,249
5 to 9 years	191,987	205,390	199,302	158,638
10 to 14 years	205,792	190,979	202,904	176,871
15 to 19 years	205,836	166,440	157,760	172,386
20 to 24 years	173,477	159,550	104,433	128,653
25 to 34 years	294,225	301,171	216,910	188,317
35 to 44 years	231,049	259,662	238,683	194,910
45 to 54 years	178,517	198,965	215,588	210,766
55 to 59 years	68,895	78,814	89,036	96,269
60 to 64 years	54,643	65,948	73,[illegible]64	84,704
65 to 74 years	72,760	95,534	108,721	120,923
75 and over	28,214	42,992	57,529	73,551
Median Age	24.3	26.3	28.4	30.0
Total Male	968,582	1,006,287	914,906	844,669
Total Female	933,392	999,265	945,515	899,568

WEST VIRGINIA POPULATION 1900-1970
Age Group and Sex: Percent Distribution
Table 4

AGE	PERCENT DISTRIBUTION OF POPULATION BY YEAR			
	1900	1910	1920	1930
TOTAL	100.0	100.0	100.0	100.0
Under 5 years	14.1	13.8	13.4	12.0
5 to 9 years	12.7	12.1	12.6	12.7
10 to 14 years	11.5	10.7	11.2	11.2
15 to 19 years	10.8	10.2	9.7	10.2
20 to 24 years	10.1	10.0	8.9	8.9
25 to 34 years	15.0	16.0	14.9	14.3
35 to 44 years	10.3	11.4	12.2	12.0
45 to 54 years	7.2	7.4	8.4	9.0
55 to 59 years	2.5	2.5	2.6	3.1
60 to 64 years	1.9	2.0	2.2	2.4
65 to 74 years	2.4	2.5	2.7	2.9
75 and over	1.0	1.0	1.1	1.3
Not Reported	0.4	0.2	0.2	-
Total Male	52.1	52.7	52.1	51.5
Total Female	47.9	47.3	47.9	48.5

AGE	PERCENT DISTRIBUTION OF POPULATION BY YEAR			
	1940	1950	1960	1970
TOTAL	100.0	100.0	100.0	100.0
Under 5 years	10.3	12.0	10.6	7.9
5 to 9 years	10.1	10.2	10.7	9.1
10 to 14 years	10.8	9.5	10.9	10.1
15 to 19 years	10.8	8.3	8.5	9.9
20 to 24 years	9.1	8.0	5.6	7.4
25 to 34 years	15.5	15.0	11.7	10.8
35 to 44 years	12.1	12.9	12.8	11.2
45 to 54 years	9.4	9.9	11.6	12.1
55 to 59 years	3.6	3.9	4.8	5.5
60 to 64 years	2.9	3.3	3.9	4.9
65 to 74 years	3.8	4.8	5.3	6.9
75 and over	1.5	2.1	3.1	4.2
Total Male	50.9	50.2	49.2	48.4
Total Female	49.1	49.8	50.8	51.6

WEST VIRGINIA POPULATION 1970-1979

Estimates of Population by Age

Table 5

Age in Years	Estimates of the Population*							
	April 1, 1970	July 1, 1974	July 1, 1975	July 1, 1976	July 1, 1977	July 1, 1978	July 1, 1979 (Provisional)	1970-1979 Percent Change
All Ages	1,744,237	1,784,000	1,803,000	1,833,000	1,853,000	1,860,000	1,878,000	7.7
Under 5	138,249	139,000	139,000	137,000	137,000	138,000	142,000	2.7
5 - 17	441,988	413,000	410,000	410,000	408,000	402,000	397,000	-10.2
18 - 44	577,787	626,000	642,000	664,000	682,000	692,000	706,000	22.2
45 - 64	391,739	399,000	402,000	406,000	408,000	406,000	407,000	3.9
65 & Over	194,474	207,000	211,000	215,000	219,000	222,000	226,000	16.2
14 & Over	1,306,224	1,373,000	1,394,000	1,424,000	1,445,000	1,456,000	1,473,000	12.8
18 & Over	1,164,000	1,232,000	1,255,000	1,285,000	1,309,000	1,321,000	1,339,000	15.0
21 & Over	1,069,033	1,138,000	1,160,000	1,188,000	1,210,000	1,224,000	1,244,000	16.4

*Source: "Current Population Reports", Series P-25, No. 875 U. S. Department of Commerce, Bureau of the Census and 1970 Census of Population, General Population Characteristics of West Virginia.

WEST VIRGINIA POPULATION 1925-1979
Birth and Death Rates
Table 6

Year	Estimated Mid-Year Population	Birth Rate (per 1,000 Population)	Death Rate (per 1,000 Population)
1925	1,593,005	28.4	10.8
1926	1,622,808	27.1	11.2
1927	1,671,340	26.8	10.2
1928	1,696,291	25.6	10.3
1929	1,716,699	23.7	10.6
1930	1,729,205	24.1	10.5
1931	1,765,751	22.3	10.0
1932	1,787,839	21.7	10.0
1933	1,804,979	20.2	9.2
1934	1,830,495	22.7	9.8
1935	1,856,354	22.5	9.9
1936	1,867,012	21.9	10.7
1937	1,864,438	22.7	10.3
1938	1,865,869	22.6	9.5
1939	1,887,458	21.9	9.2
1940	1,901,974A	22.0	9.2
1941	1,885,000	23.1	9.4
1942	1,831,000	23.8	9.3
1943	1,741,000	25.2	10.0
1944	1,706,000	24.0	9.8
1945	1,708,000	22.5	9.6
1946	1,826,000	26.4	8.8
1947	1,883,000	28.8	9.1
1948	1,899,000	27.5	9.3
1949	1,930,000	27.1	8.9
1950	2,005,552A	25.4	8.7
1951	1,984,000	25.7	8.6
1952	1,957,000	25.3	8.8
1953	1,929,000	24.2	8.6
1954	1,905,000	24.5	8.5
1955	1,880,000	23.5	8.9
1956	1,857,000	23.8	9.1
1957	1,843,000	24.1	9.7
1958	1,845,000	24.1	9.6
1959	1,855,000	22.8	9.5
1960B	1,860,421A	21.3	9.7

WEST VIRGINIA POPULATION 1925-1979
Birth and Death Rates
Table 6 (cont'd)

Year	Estimated Mid-Year Population	Birth Rate (per 1,000 Population)	Death Rate (per 1,000 Population)
1961	1,828,000	21.3	9.8
1962	1,809,000	20.6	10.3
1963	1,796.000	19.8	10.8
1964	1,797,000	19.8	10.4
1965	1,786,000	17.9	10.7
1966	1,775,000	16.9	10.9
1967	1,769,000	16.6	10.9
1968	1,763,000	16.5	11.1
1969C	1,746,000	16.4	11.3
1970	1,744,237A	17.3	11.4
1971D	1,768,000	17.6	11.1
1972	1,795,000	16.3	11.5
1973	1,782,000	15.4	11.2
1974	1,784,000	15.5	10.9
1975	1,803,000E	15.5	10.8
1976	1,833,000E	15.6	10.7
1977	1,853,000E	16.2	10.4
1978	1,860,000E	15.6	10.4
1979	1,878,000E	15.8	10.0

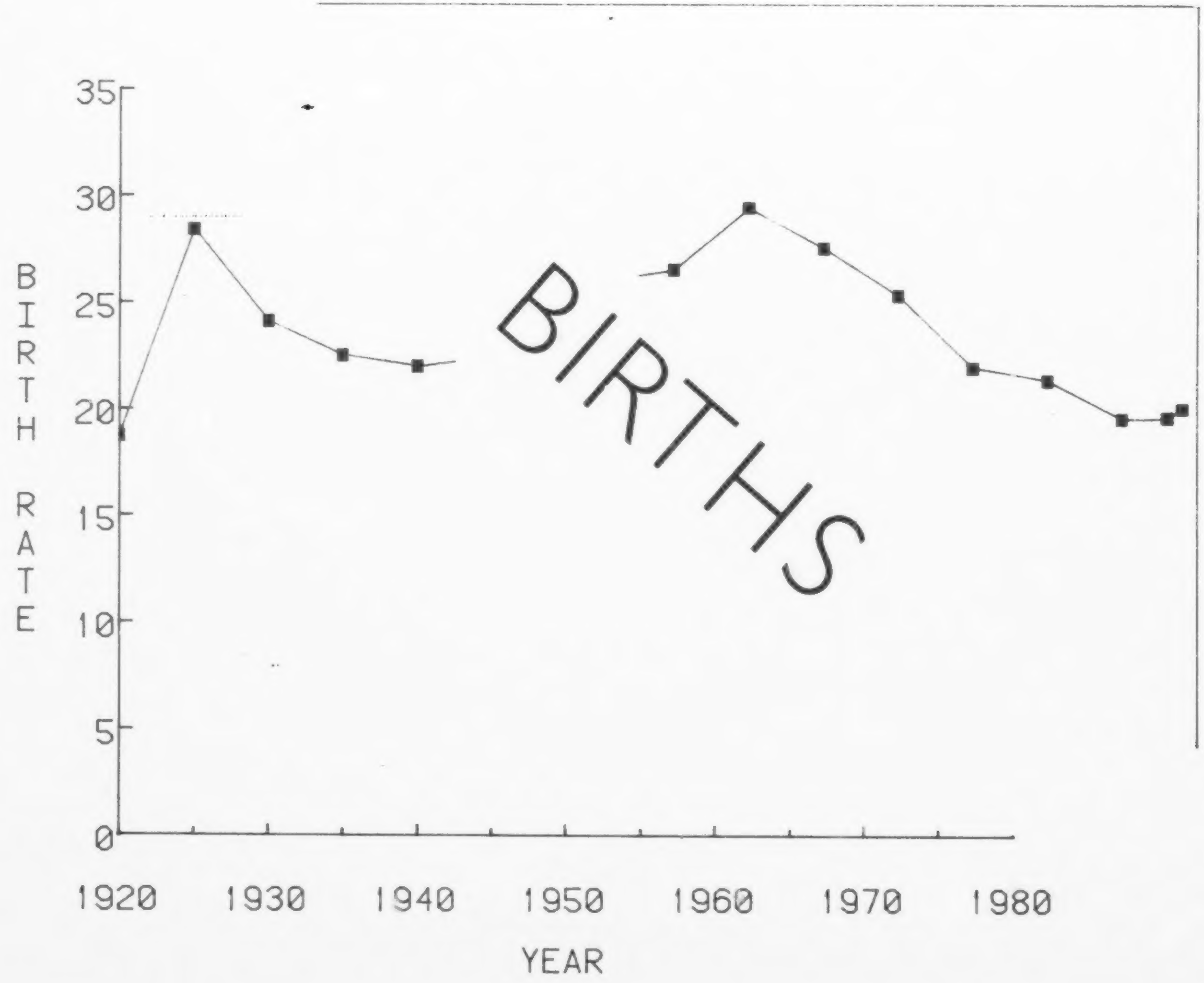
A Enumerated as of April 1 of the specified year.

B Source of data 1925 through 1960: "Vital Statistics Rates in the United States 1900-1940", United States Department of Commerce, Bureau of the Census; "Vital Statistics Rates in the United States 1940-1960", U. S. Department of Health, Education and Welfare, Public Health Service.

C Population estimates 1961-1969 as prepared by the U. S. Department of Commerce/Bureau of the Census "Current Population Reports", Series P-25, No. 460, June 7, 1971.

D Population estimates 1971-1975 as prepared by the U. S. Department of Commerce/Bureau of Census "Current Population Reports", Series P-25.

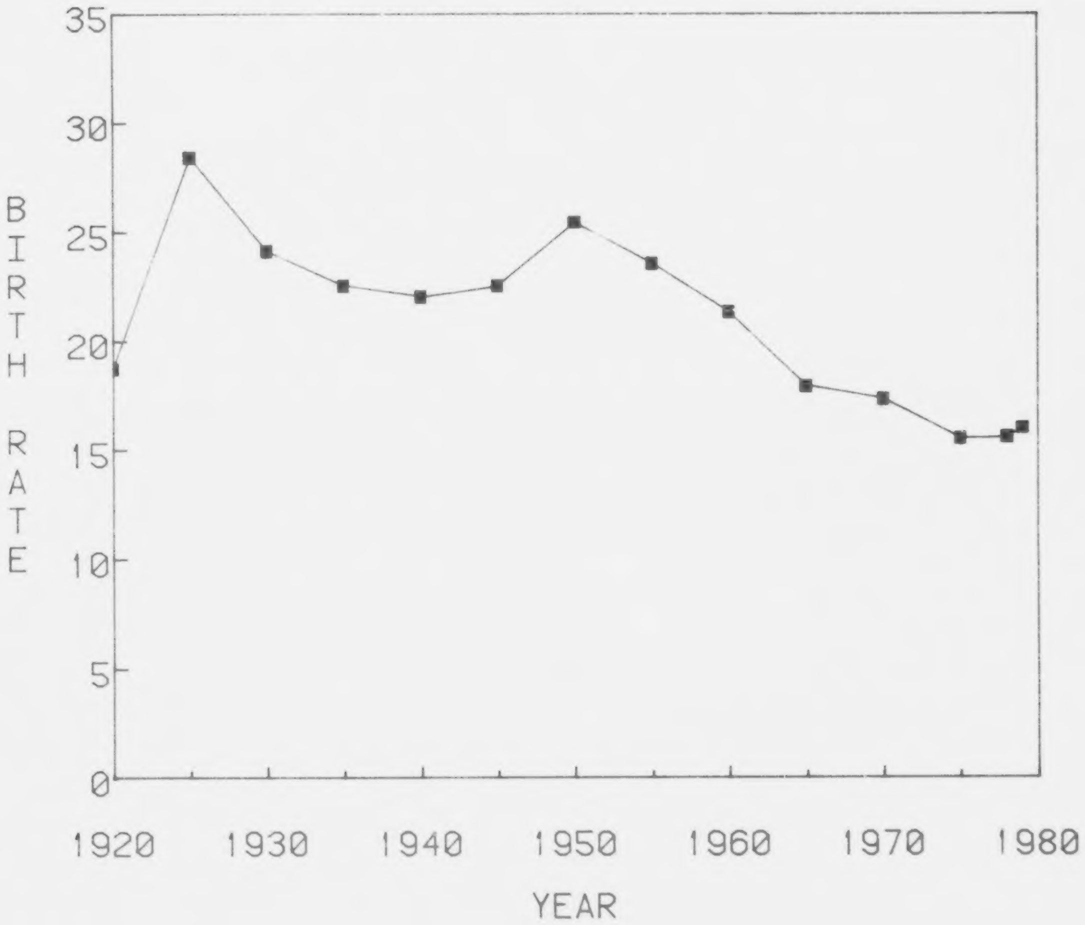
E "Current Population Report" Series P-25, No. 861.


BIRTHS
BIRTH RATE
35
30
25
20
15
10
5
0
1920
1930
1940
1950
1960
1970
1980
YEAR

WEST VIRGINIA RESIDENT BIRTHS 1920-1979

Number and Rate

Exhibit 4



Year of Birth	Number of Live Births	Rate per 1000 Population
1920	27550	18.7
1925	45240	28.4
1930	41614	24.1
1935	41775	22.5
1940	41900	22.0
1945	38446	22.5
1950	50850	25.4
1955	44199	23.5
1960	39696	21.3
1965	31958	17.9
1970	30194	17.3
1975	27960	15.5
1978	28950	15.6
1979	29726	15.8

WEST VIRGINIA RESIDENT BIRTHS 1979
Summary Totals
Table 7

	Number	Percent of Total
TOTAL	29,726	100%
Sex		
Male	15,295	51.5%
Female	14,431	48.5%
Race		
White	28,451	95.7%
Non-White	1,275	4.3%
Attendant at Birth		
Physician	29,317	98.6%
Midwife and other	409	1.4%
Place of Birth		
Hospital	29,590	99.5%
Non-Hospital	136	0.5%
Legitimacy		
White: Legitimate	25,441	85.6%
Illegitimate	3,010	10.1%
Non-White:		
Legitimate	695	2.3%
Illegitimate	580	2.0%

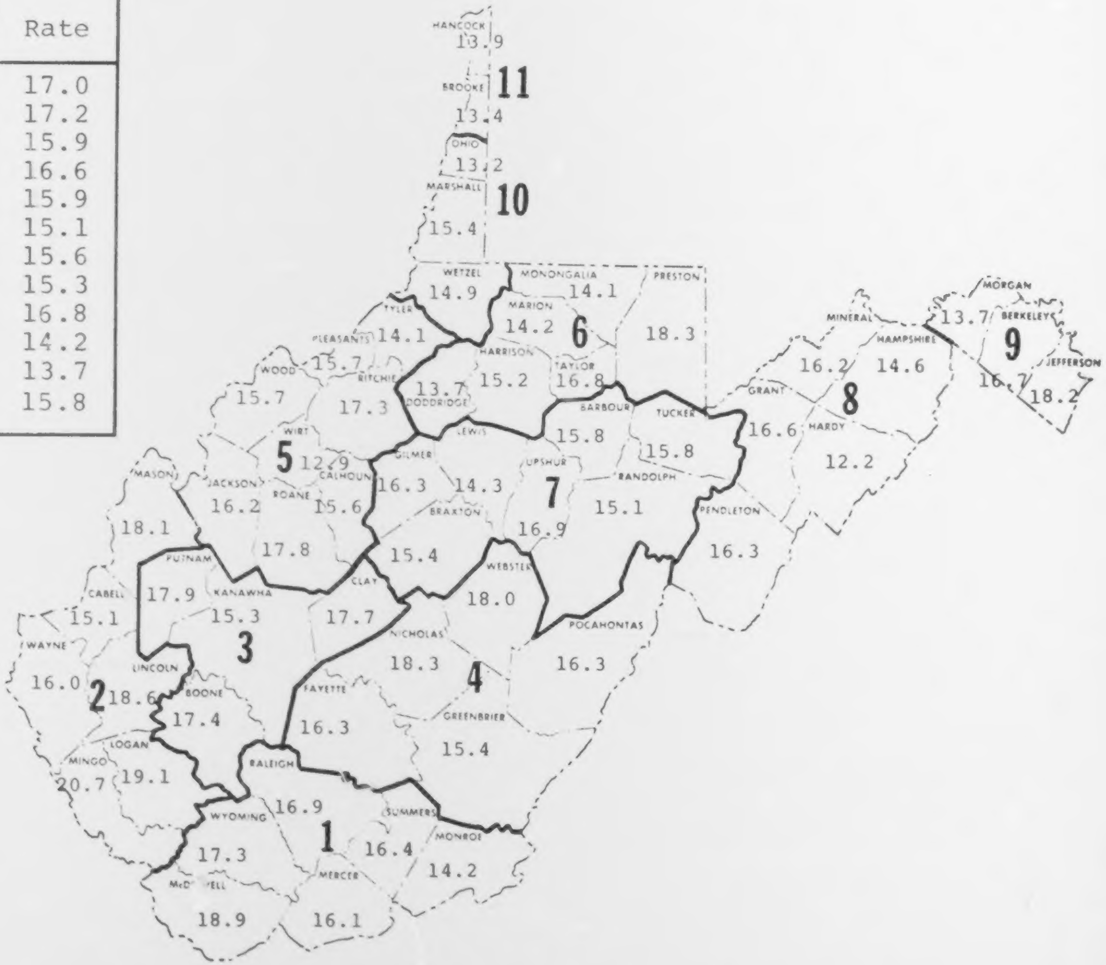
WEST VIRGINIA RESIDENT BIRTHS 1979

Rates per Thousand Population

Region and County

Exhibit 5

Region	1978 Population	Number of Live Births	Rate
1	265,000	4,494	17.0
2	278,700	4,791	17.2
3	301,000	4,785	15.9
4	137,600	2,283	16.6
5	172,500	2,736	15.9
6	259,100	3,904	15.1
7	112,300	1,750	15.6
8	66,500	1,020	15.3
9	77,500	1,305	16.8
10	120,500	1,717	14.2
11	68,900	941	13.7
TOTAL	1,860,000	29,726	15.8


HANCOCK 13.9
BROOKE 13.4
11
OHIO 13.2
MARSHALL 15.4
10
WETZEL 14.9
MONONGALIA 14.1
PRESTON 18.3
MARION 14.2
6
TYLER 14.1
PLEASANTS 15.7
HARRISON 15.2
TAYLOR 16.8
WOOD 15.7
RITCHIE 17.3
DODDRIDGE 13.7
BARBOUR 15.8
TUCKER 15.8
LEWIS 14.3
UPSHUR 16.9
WIRT 12.9
5
CALHOUN 15.6
GILMER 16.3
RANDOLPH 15.1
7
MASON 18.1
JACKSON 16.2
ROANE 17.8
BRAXTON 15.4
PENDLETON 16.3
PUTNAM 17.9
KANAWHA 15.3
CLAY 17.7
WEBSTER 18.0
CABELL 15.1
3
NICHOLAS 18.3
POCAHONTAS 16.3
WAYNE 16.0
LINCOLN 18.6
2
BOONE 17.4
FAYETTE 16.3
4
GREENBRIER 15.4
LOGAN 19.1
MINGO 20.7
RALEIGH 16.9
SUMMERS 16.4
WYOMING 17.3
1
MONROE 14.2
MERCER 16.1
McDOWELL 18.9
MINERAL 16.2
HAMPSHIRE 14.6
GRANT 16.6
HARDY 12.2
8
MORGAN 13.7
BERKELEY 16.7
JEFFERSON 18.2
9

WEST VIRGINIA BIRTHS 1979
Number by County of Residence and Occurrence
Rate by County of Residence
Table 8

AREA	RESIDENCE		OCCURRENCE
	Number	Rate	
Region 1:	4,494	17.0	5,198
McDowell	979	18.9	257
Mercer	1,105	16.1	2,135
Monroe	186	14.2	60
Raleigh	1,402	16.9	2,424
Summers	242	16.4	229
Wyoming	580	17.3	93
Region 2:	4,791	17.2	4,890
Cabell	1,575	15.1	3,265
Lincoln	406	18.6	42
Logan	934	19.1	978
Mason	464	18.1	469
Mingo	756	20.7	134
Wayne	656	16.0	2
Region 3:	4,785	15.9	5,401
Boone	511	17.4	114
Clay	188	17.7	1
Kanawha	3,483	15.3	5,284
Putnam	603	17.9	2
Region 4:	2,283	16.6	1,329
Fayette	900	16.3	334
Greenbrier	542	15.4	391
Nicholas	485	18.3	395
Pocahontas	153	16.3	43
Webster	203	18.0	166
Region 5:	2,736	15.9	2,701
Calhoun	128	15.6	176
Jackson	387	16.2	205
Pleasants	124	15.7	0
Ritchie	178	17.3	5
Roane	272	17.8	158
Tyler	149	14.1	86
Wirt	63	12.9	0
Wood	1,435	15.7	2,071

AREA	RESIDENCE		OCCURRENCE
	Number	Rate	
Region 6:	3,904	15.1	4,298
Doddridge	97	13.7	1
Harrison	1,153	15.2	1,127
Marion	920	14.2	1,143
Monongalia	958	14.1	1,906
Preston	521	18.3	34
Taylor	255	16.8	87
Region 7:	1,750	15.6	1,589
Barbour	260	15.8	139
Braxton	200	15.4	1
Gilmer	132	16.3	1
Lewis	256	14.3	268
Randolph	401	15.1	751
Tucker	126	15.8	37
Upshur	375	16.9	392
Region 8:	1,020	15.3	141
Grant	153	16.6	55
Hampshire	210	14.6	78
Hardy	117	12.2	1
Mineral	416	16.2	5
Pendleton	124	16.3	2
Region 9:	1,305	16.8	1,000
Berkeley	708	16.7	587
Jefferson	467	18.2	394
Morgan	130	13.7	19
Region 10:	1,717	14.2	3,181
Marshall	617	15.4	353
Ohio	785	13.2	2,608
Wetzel	315	14.9	220
Region 11:	941	13.7	470
Brooke	403	13.4	469
Hancock	538	13.9	1
TOTAL	29,726	15.8	30,198

WEST VIRGINIA RESIDENT BIRTHS 1975-1979
Number by County of Residence
Table 9

COUNTY OF RESIDENCE	LIVE BIRTHS					COUNTY OF RESIDENCE	LIVE BIRTHS				
	1975	1976	1977	1978	1979		1975	1976	1977	1978	1979
Barbour	221	252	226	220	260	Monongalia	889	915	975	967	958
Berkeley	601	650	710	691	708	Monroe	141	170	188	167	186
Boone	526	572	574	480	511	Morgan	129	108	127	142	130
Braxton	168	190	200	177	200	Nicholas	475	431	499	503	485
Brooke	426	409	373	360	403	Ohio	764	766	806	709	785
Cabell	1,516	1,517	1,592	1,534	1,575	Pendleton	107	109	103	117	124
Calhoun	128	140	136	148	128	Pleasants	99	107	100	99	124
Clay	168	205	190	187	188	Pocahontas	115	127	163	132	153
Doddridge	101	102	109	79	97	Preston	427	413	478	515	521
Fayette	888	950	941	972	900	Putnam	458	475	534	531	603
Gilmer	124	118	127	122	132	Raleigh	1,303	1,367	1,463	1,396	1,402
Grant	129	120	154	127	153	Randolph	375	387	428	450	401
Greenbrier	489	523	544	493	542	Ritchie	117	157	173	168	178
Hampshire	187	168	210	194	210	Roane	225	222	255	271	272
Hancock	605	598	562	438	538	Summers	244	229	274	240	242
Hardy	132	120	133	140	117	Taylor	225	227	232	224	255
Harrison	1,104	1,067	1,019	1,087	1,153	Tucker	90	121	120	89	126
Jackson	319	293	368	327	387	Tyler	141	164	152	151	149
Jefferson	288	331	250	447	467	Upshur	274	341	362	362	375
Kanawha	3,415	3,475	3,658	3.571	3,483	Wayne	640	591	682	671	656
Lewis	253	279	291	270	256	Webster	165	170	206	197	203
Lincoln	386	379	414	400	406	Wetzel	361	285	326	314	315
Logan	1,041	995	1,078	912	934	Wirt	66	62	65	69	63
McDowell	1,016	1,083	1,144	983	979	Wood	1,284	1,294	1,357	1,366	1,435
Marion	865	907	909	911	920	Wyoming	604	680	714	625	580
Marshall	611	581	581	573	617	TOTAL	27,960	28,586	30,020	28,950	29,726 ✓
Mason	435	403	379	384	464						
Mercer	1,001	1,019	1,189	1,061	1,105						
Mineral	379	390	380	383	416						
Mingo	720	832	797	804	756						

WEST VIRGINIA RESIDENT BIRTHS 1979
Month of Occurrence by County of Residence
Table 10

County of Residence	Month of Occurrence												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL
TOTAL	2,466	2,281	2,460	2,353	2,431	2,395	2,606	2,780	2,624	2,563	2,319	2,448	29,726
Barbour	18	14	26	19	26	17	19	30	26	21	18	26	260
Berkeley	57	49	63	59	49	57	70	74	58	58	46	68	708
Boone	39	36	47	40	51	46	42	44	49	36	39	42	511
Braxton	29	11	17	15	12	20	17	20	17	14	19	9	200
Brooke	31	35	35	23	41	28	39	43	32	42	31	23	403
Cabell	120	124	137	140	143	126	136	142	136	118	121	132	1,575
Calhoun	9	17	4	11	13	11	8	7	12	14	5	17	128
Clay	17	17	13	23	14	18	20	18	15	12	14	7	188
Doddridge	5	5	9	10	12	7	5	11	9	9	7	8	97
Fayette	70	70	75	80	79	70	77	89	67	87	61	75	900
Gilmer	14	6	11	10	11	9	8	12	12	14	18	7	132
Grant	12	12	9	21	11	12	15	11	17	19	6	8	153
Greenbrier	38	37	46	57	43	41	49	42	46	53	44	46	542
Hampshire	18	19	9	15	25	16	20	21	22	17	17	11	210
Hancock	43	46	51	40	36	56	48	36	35	60	38	49	538
Hardy	11	10	15	8	7	6	14	10	15	9	7	5	117
Harrison	116	66	100	78	79	91	99	124	122	84	89	105	1,153
Jackson	43	27	23	30	24	38	29	43	32	32	34	32	387
Jefferson	41	39	39	24	36	32	46	43	46	38	48	35	467
Kanawha	296	268	263	252	291	276	323	320	303	298	298	295	3,483
Lewis	28	16	21	12	19	27	18	28	16	21	25	25	256
Lincoln	33	27	40	36	26	38	38	48	36	25	26	33	406
Logan	78	60	76	65	71	75	89	88	82	83	79	88	934
McDowell	99	83	73	75	77	77	78	88	98	89	72	70	979
Marion	75	80	82	77	95	75	69	75	79	76	76	61	920

WEST VIRGINIA RESIDENT BIRTHS 1979
Month of Occurrence by County of Residence
Table 10 (cont'd)

County of Residence	Month of Occurrence												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL
Marshall	27	48	61	44	45	56	54	68	51	62	50	51	617
Mason	43	29	35	32	43	37	45	47	36	43	36	38	464
Mercer	85	92	103	83	87	103	88	100	113	86	73	92	1,105
Mineral	25	24	48	30	43	34	43	44	28	36	33	28	416
Mingo	62	64	60	62	58	48	62	70	67	79	68	56	756
Monongalia	92	79	78	79	77	72	79	101	65	84	71	81	958
Monroe	19	17	10	20	14	13	20	17	24	12	12	8	186
Morgan	9	6	11	15	11	10	14	7	15	10	10	12	130
Nicholas	42	31	52	49	38	46	37	46	41	35	37	31	485
Ohio	52	71	58	66	52	62	68	79	66	72	80	59	785
Pendleton	11	8	17	12	13	9	9	9	8	11	7	10	124
Pleasants	10	11	8	13	11	12	8	12	8	9	9	13	124
Pocahontas	17	15	18	7	7	7	13	16	17	10	13	13	153
Preston	40	37	55	37	40	49	56	52	37	46	23	49	521
Putnam	39	46	56	49	52	39	47	50	69	57	38	61	603
Raleigh	109	114	102	131	120	121	120	120	117	135	104	109	1,402
Randolph	37	32	24	26	46	27	40	30	34	36	36	33	401
Ritchie	19	19	8	17	14	16	13	18	15	13	10	16	178
Roane	17	18	22	20	23	24	25	24	31	21	21	26	272
Summers	24	17	21	17	16	17	26	19	25	20	19	21	242
Taylor	26	23	18	25	21	21	25	23	18	17	19	19	255
Tucker	5	2	15	14	11	11	13	13	6	10	13	13	126
Tyler	8	5	20	8	8	13	12	15	15	18	13	14	149
Upshur	28	35	26	20	49	34	26	32	30	31	29	35	375
Wayne	63	54	46	57	40	47	54	61	[illegible]	62	50	60	656
Webster	15	18	15	18	16	18	21	16	17	15	16	18	203
Wetzel	30	29	23	26	23	27	27	32	27	32	21	18	315
Wirt	6	3	7	2	6	8	4	5	9	5	6	2	63
Wood	109	116	122	110	107	102	130	135	143	116	115	130	1,435
Wyoming	57	44	37	44	49	43	51	52	48	51	49	55	580

WEST VIRGINIA RESIDENT BIRTHS 1979

Place of Delivery by County of Residence

Table 11

COUNTY OF RESIDENCE	PLACE OF DELIVERY						TOTAL
	*Hospital	Out-of-State Hospital	**Enroute to Hospital	Clinic or Center	+Named Place	Unknown	
Barbour	256	3	0	0	1	0	260
Berkeley	523	183	1	0	1	0	708
Boone	509	1	0	0	1	0	511
Braxton	196	3	0	0	1	0	200
Brooke	298	103	1	0	1	0	403
Cabell	1,549	13	1	6	6	0	1,575
Calhoun	127	0	0	0	1	0	128
Clay	187	0	0	0	1	0	188
Doddridge	97	0	0	0	0	0	97
Fayette	897	2	0	1	0	0	900
Gilmer	127	2	0	0	3	0	132
Grant	47	106	0	0	0	0	153
Greenbrier	343	131	0	67	1	0	542
Hampshire	62	147	0	0	1	0	210
Hancock	336	200	0	0	2	0	538
Hardy	23	93	0	0	1	0	117
Harrison	1,142	7	1	0	3	0	1,153
Jackson	361	23	0	0	3	0	387
Jefferson	340	122	0	0	5	0	467
Kanawha	3,471	6	2	1	3	0	3,483
Lewis	254	0	0	0	2	0	256
Lincoln	375	0	1	27	3	0	406
Logan	921	8	2	1	2	0	934
McDowell	870	104	0	0	5	0	979
Marion	917	2	0	0	1	0	920
Marshall	605	5	0	0	7	0	617
Mason	322	138	0	0	4	0	464
Mercer	1,088	13	0	2	2	0	1,105
Mineral	18	396	0	0	1	1	416
Mingo	312	441	0	0	2	1	756

*Includes deliveries enroute to named hospital.

**Includes deliveries enroute to unnamed hospital.

+Includes deliveries occurring in a doctor's office, the mother's residence, a given street address or a public place.

WEST VIRGINIA RESIDENT BIRTHS 1979

Place of Delivery by County of Residence

Table 11 (cont'd)

COUNTY OF RESIDENCE	PLACE OF DELIVERY						TOTAL
	*Hospital	Out-of-State Hospital	**Enroute to Hospital	Clinic or Center	+Named Place	Unknown	
Monongalia	950	3	0	0	5	0	958
Monroe	98	40	0	44	4	0	186
Morgan	42	88	0	0	0	0	130
Nicholas	481	2	2	0	0	0	485
Ohio	765	17	0	0	3	0	785
Pendleton	23	99	0	0	2	0	124
Pleasants	94	30	0	0	0	0	124
Pocahontas	145	3	0	3	2	0	153
Preston	463	56	1	0	1	0	521
Putnam	593	8	0	0	2	0	603
Raleigh	1,393	3	1	0	5	0	1,402
Randolph	397	2	0	0	2	0	401
Ritchie	161	10	1	0	6	0	178
Roane	266	1	0	0	5	0	272
Summers	239	1	0	1	1	0	242
Taylor	255	0	0	0	0	0	255
Tucker	123	3	0	0	0	0	126
Tyler	141	4	1	0	3	0	149
Upshur	374	0	0	0	1	0	375
Wayne	592	58	0	5	1	0	656
Webster	201	2	0	0	0	0	203
Wetzel	304	3	1	0	7	0	315
Wirt	63	0	0	0	0	0	63
Wood	1,346	85	0	0	4	0	1,435
Wyoming	580	0	0	0	0	0	580
TOTAL	26,662	2,770	16	158	118	2	29,726

*Includes deliveries enroute to named hospital.

**Includes deliveries enroute to unnamed hospital.

+Includes deliveries occurring in a doctor's office, the mother's residence, a given street address or a public place.

WEST VIRGINIA RESIDENT BIRTHS 1979

Age of Mother by Birth Weight

Table 12

Birth Weights	Age of Mother									
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 years & Over	Unknown	TOTAL
1,000 grams or less	1	37	47	31	24	2	1	0	0	143
1,001 - 1,500 grams	2	54	56	36	25	4	1	0	0	178
1,501 - 2,000 grams	2	93	148	96	45	13	5	1	0	403
2,001 - 2,500 grams	7	322	472	287	146	50	10	0	0	1,294
2,501 - 3,000 grams	18	1,147	1,802	1,161	474	141	31	0	3	4,777
3,001 - 3,500 grams	37	2,282	4,160	3,019	1,109	284	51	2	1	10,945
3,501 - 4,000 grams	11	1,536	3,197	2,646	1,047	266	36	3	2	8,744
4,001 - 4,500 grams	2	340	931	823	416	92	20	1	0	2,625
4,501 grams or more	0	58	184	195	116	30	4	0	0	587
Unknown	0	8	8	12	2	0	0	0	0	30
TOTAL	80	5,877	11,005	8,306	3,404	882	159	7	6	29,726

WEST VIRGINIA RESIDENT BIRTHS 1979
Age of Mother by County and Region of Residence
Table 13

Area	Age of Mother									
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 Years & Over	Unknown	TOTAL
Region 1:	14	1,015	1,632	1,156	467	131	28	1	0	4,494
McDowell	5	271	383	192	83	41	4	0	0	979
Mercer	6	235	407	306	117	27	7	0	0	1,105
Monroe	0	27	65	53	28	9	4	0	0	186
Raleigh	1	304	510	390	162	31	4	0	0	1,402
Summers	1	56	78	64	33	6	4	0	0	242
Wyoming	1	122	239	151	44	17	5	1	0	580
Region 2:	17	1,104	1,829	1,156	505	141	36	3	0	4,791
Cabell	9	321	573	438	180	44	8	2	0	1,575
Lincoln	0	116	153	80	35	14	8	0	0	406
Logan	1	228	393	197	92	18	5	0	0	934
Mason	3	103	178	109	51	15	4	1	0	464
Mingo	2	179	281	173	81	34	6	0	0	756
Wayne	2	157	251	159	66	16	5	0	0	656
Region 3:	4	845	1,746	1,442	604	125	17	1	1	4,785
Boone	0	102	217	138	40	11	3	0	0	511
Clay	0	47	79	44	15	3	0	0	0	188
Kanawha	4	607	1,240	1,064	466	87	13	1	1	3,483
Putnam	0	89	210	196	83	24	1	0	0	603
Region 4:	6	475	903	607	208	71	13	0	0	2,283
Fayette	3	185	382	219	81	23	7	0	0	900
Greenbrier	3	116	187	160	49	24	3	0	0	542
Nicholas	0	88	195	142	43	15	2	0	0	485
Pocahontas	0	38	62	34	15	3	1	0	0	153
Webster	0	48	77	52	20	6	0	0	0	203
Region 5:	10	551	1,021	742	325	75	12	0	0	2,736
Calhoun	1	32	51	31	10	2	1	0	0	128
Jackson	1	76	142	96	52	19	1	0	0	387
Pleasant	0	24	54	34	6	6	0	0	0	124
Ritchie	0	33	66	46	25	7	1	0	0	178
Roane	3	49	106	75	32	7	0	0	0	272
Tyler	0	33	57	39	16	2	2	0	0	149
Wirt	1	9	22	16	12	1	2	0	0	63
Wood	4	295	523	405	172	31	5	0	0	1,435

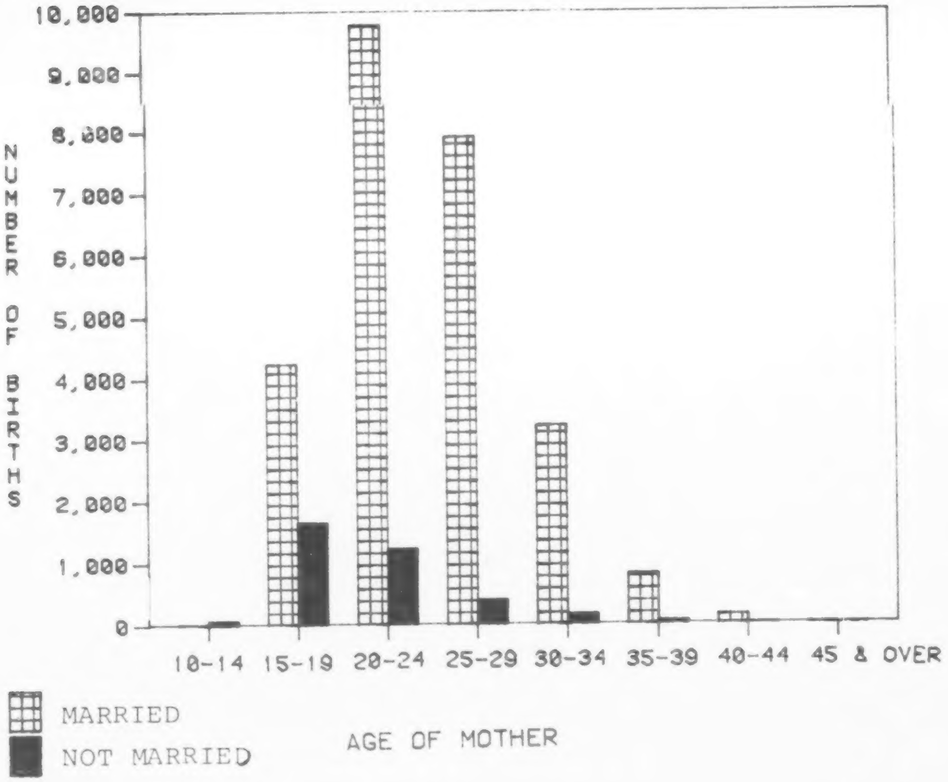
WEST VIRGINIA RESIDENT BIRTHS 1979
Age of Mother by County and Region of Residence
Table 13 (cont'd)

Area	Age of Mother									
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 Years & Over	Unknown	TOTAL
Region 6:	9	680	1,390	1,189	477	144	13	2	0	3,904
Doddridge	0	20	32	23	15	6	1	0	0	97
Harrison	3	216	403	343	134	50	4	0	0	1,153
Marion	3	174	340	268	109	25	1	0	0	920
Monongalia	1	132	318	330	134	39	4	0	0	958
Preston	2	85	200	155	62	14	2	1	0	521
Taylor	0	53	97	70	23	10	1	1	0	255
Region 7:	7	352	615	496	213	55	12	0	0	1,750
Barbour	0	44	87	80	37	11	1	0	0	260
Braxton	1	44	59	73	13	8	2	0	0	200
Gilmer	0	29	43	34	23	3	0	0	0	132
Lewis	0	50	95	73	32	4	2	0	0	256
Randolph	3	90	148	104	46	8	2	0	0	401
Tucker	0	24	52	34	12	3	1	0	0	126
Upshur	3	71	131	98	50	18	4	0	0	375
Region 8:	3	178	363	304	132	32	6	0	2	1,020
Grant	0	28	57	47	16	4	1	0	0	153
Hampshire	0	37	77	61	29	5	1	0	0	210
Hardy	3	11	51	33	13	6	0	0	0	117
Mineral	0	79	133	123	61	14	4	0	2	416
Pendleton	0	23	45	40	13	3	0	0	0	124
Region 9:	5	252	489	353	160	40	5	0	1	1,305
Berkeley	4	145	267	200	68	21	3	0	0	708
Jefferson	1	80	174	124	69	16	2	0	1	467
Morgan	0	27	48	29	23	3	0	0	0	130
Region 10:	4	269	612	564	209	47	11	0	1	1,717
Marshall	0	106	232	192	75	10	2	0	0	617
Ohio	4	109	266	275	100	24	6	0	1	785
Wetzel	0	54	114	97	34	13	3	0	0	315
Region 11:	1	156	355	297	104	21	6	0	1	941
Brooke	0	57	154	126	54	9	2	0	1	403
Hancock	1	99	201	171	50	12	4	0	0	538
TOTAL	80	5,877	11,005	8,306	3,404	882	159	7	6	29,726

WEST VIRGINIA RESIDENT BIRTHS 1979

Legitimacy Status by Age of Mother

Exhibit 6



MARITAL STATUS	AGE OF MOTHER									
	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45 years & over	Unknown	TOTAL
Married:										
Number	18	4224	9773	7910	3235	823	145	7	1	26136
Percent	22.5	71.9	88.8	95.2	95.0	93.3	91.2	100.0	16.7	87.9
Not Married:										
Number	62	1653	1232	396	169	59	14	0	5	3590
Percent	77.5	28.1	11.2	4.8	5.0	6.7	8.8	0.0	83.8	12.1
TOTAL										
Number	80	5877	11005	8306	3404	882	159	7	6	29726
Percent	0.3	19.8	37.0	27.9	11.5	3.0	0.5	0.0	0.0	100.0

WEST VIRGINIA RESIDENT BIRTHS 1979
Place of Delivery, Race, Illegitimacy by County of Residence
Table 14

County of Residence	Place of Delivery		White		Non-White		Number of Illegitimate Births	TOTAL
	*Hospital	**Non-Hospital	Male	Female	Male	Female		
Barbour	259	1	140	115	4	1	26	260
Berkeley	706	2	339	338	18	13	100	708
Boone	510	1	257	243	7	4	59	511
Braxton	199	1	97	101	2	-	37	200
Brooke	401	2	197	202	4	-	47	403
Cabell	1,568	7	769	704	53	49	236	1,575
Calhoun	127	1	55	72	-	1	19	128
Clay	187	1	103	85	-	-	28	188
Doddridge	97	-	45	52	-	-	11	97
Fayette	900	-	439	387	43	31	121	900
Gilmer	129	3	74	58	-	-	14	132
Grant	153	-	77	75	-	1	12	153
Greenbrier	541	1	275	248	9	10	58	542
Hampshire	209	1	109	98	-	3	19	210
Hancock	536	2	270	251	11	6	58	538
Hardy	116	1	59	55	2	1	15	117
Harrison	1,149	4	558	573	15	7	113	1,153
Jackson	384	3	217	169	-	1	33	387
Jefferson	462	5	231	194	21	21	53	467
Kanawha	3,478	5	1,686	1,547	121	129	453	3,483
Lewis	254	2	129	127	-	-	25	256
Lincoln	402	4	211	195	-	-	40	406
Logan	930	4	464	444	14	12	112	934
McDowell	974	5	402	432	67	78	190	979
Marion	919	1	450	425	18	27	122	920

*Includes hospital, clinic and birthing center births.
**Includes enroute to hospital, named place and unknown location births. (See Table 11)

WEST VIRGINIA RESIDENT BIRTHS 1979
Place of Delivery, Race, Illegitimacy by County of Residence
Table 14 (cont'd)

County of Residence	Place of Delivery		White		Non-White		Number of Illegitimate Births	TOTAL
	*Hospital	**Non-Hospital	Male	Female	Male	Female		
Marshall	610	7	306	306	1	4	59	617
Mason	460	4	232	228	1	3	36	464
Mercer	1,103	2	484	511	55	55	150	1,105
Mineral	414	2	210	183	11	12	43	416
Mingo	753	3	382	344	16	14	118	756
Monongalia	953	5	490	431	20	17	85	958
Monroe	182	4	80	90	13	3	18	186
Morgan	130	-	61	68	1	-	16	130
Nicholas	483	2	276	207	1	1	48	485
Ohio	782	3	363	367	30	25	112	785
Pendleton	122	2	63	54	4	3	11	124
Pleasants	124	-	62	62	-	-	17	124
Pocahontas	151	2	82	71	-	-	22	153
Preston	519	2	263	256	-	2	41	521
Putnam	601	2	308	293	1	1	36	603
Raleigh	1,396	6	622	649	60	71	167	1,402
Randolph	399	2	198	202	1	-	54	401
Ritchie	171	7	89	89	-	-	18	178
Roane	267	5	151	120	-	1	21	272
Summers	241	1	113	119	6	4	35	242
Taylor	255	-	130	125	-	-	34	255
Tucker	126	-	64	62	-	-	11	126
Tyler	145	4	70	79	-	-	14	149
Upshur	374	1	190	179	2	4	35	375
Wayne	655	1	350	305	1	-	56	656
Webster	203	-	103	100	-	-	34	203
Wetzel	307	8	162	152	-	1	33	315
Wirt	63	-	29	34	-	-	7	63
Wood	1,431	4	744	671	8	12	196	1,435
Wyoming	580	-	324	250	-	6	52	580
TOTAL	29,590	136	14,654	13,797	641	634	3,590	29,726

*Includes hospital, clinic and birthing center births.

**Includes enroute to hospital, named place and unknown location births. (See Table 11)

WEST VIRGINIA RESIDENT BIRTHS 1979

Time Prenatal Care Began by County of Residence

Table 15

COUNTY OF RESIDENCE	FIRST TRIMESTER		SECOND TRIMESTER		THIRD TRIMESTER		NO CARE		UNKNOWN		TOTAL
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Barbour	166	63.8	78	30.0	11	4.2	3	1.2	2	0.8	260
Berkeley	475	67.1	193	27.3	29	4.1	3	0.4	8	1.1	708
Boone	314	61.4	130	25.4	30	5.9	7	1.4	30	5.9	511
Braxton	122	61.0	59	29.5	9	4.5	1	0.5	9	4.5	200
Brooke	320	79.4	67	16.6	11	2.7	3	0.7	2	0.5	403
Cabell	1,055	67.0	403	25.6	64	4.1	19	1.2	34	2.2	1,575
Calhoun	103	80.5	20	15.6	2	1.6	1	0.8	2	1.6	128
Clay	97	51.6	58	30.9	19	10.1	2	1.1	12	6.4	188
Doddridge	74	76.3	19	19.6	3	3.1	1	1.0	0	-	97
Fayette	471	52.3	330	36.7	83	9.2	4	0.4	12	1.3	900
Gilmer	102	77.3	23	17.4	4	3.0	0	-	3	2.3	132
Grant	122	79.7	21	13.7	3	2.0	3	2.0	4	2.6	153
Greenbrier	276	50.9	204	37.6	43	7.9	3	0.6	16	3.0	542
Hampshire	175	83.3	29	13.8	1	0.5	3	1.4	2	1.0	210
Hancock	371	69.0	127	23.6	30	5.6	3	0.6	7	1.3	538
Hardy	101	86.3	15	12.8	0	-	1	0.9	0	-	117
Harrison	967	83.9	155	13.4	23	2.0	4	0.3	4	0.3	1,153
Jackson	260	67.2	85	22.0	28	7.2	5	1.3	9	2.3	387
Jefferson	357	76.4	78	16.7	23	4.9	1	0.2	8	1.7	467
Kanawha	2,351	67.5	785	22.5	204	5.9	5	0.1	138	4.0	3,483
Lewis	200	78.1	39	15.2	9	3.5	3	1.2	5	2.0	256
Lincoln	218	53.7	138	34.0	29	7.1	12	3.0	9	2.2	406
Logan	426	45.6	431	46.1	56	6.0	10	1.1	11	1.2	934
McDowell	465	47.5	331	33.8	107	10.9	27	2.8	49	5.0	979
Marion	709	77.1	164	17.8	34	3.7	9	1.0	4	0.4	920
Marshall	506	82.0	87	14.1	12	1.9	4	0.6	8	1.3	617
Mason	306	65.9	121	26.1	19	4.1	4	0.9	14	3.0	464
Mercer	677	61.3	244	22.1	81	7.3	10	0.9	93	8.4	1,105

WEST VIRGINIA RESIDENT BIRTHS 1979
Time Prenatal Care Began by County of Residence
Table 15 (cont'd)

COUNTY OF RESIDENCE	FIRST TRIMESTER		SECOND TRIMESTER		THIRD TRIMESTER		NO CARE		UNKNOWN		TOTAL
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Mineral	305	73.3	95	22.8	6	1.4	2	0.5	8	1.9	416
Mingo	288	38.1	344	45.5	83	11.0	22	2.9	19	2.5	756
Monongalia	715	74.6	208	21.7	29	3.0	4	0.4	2	0.2	958
Monroe	97	52.2	55	29.6	26	14.0	2	1.1	6	3.2	186
Morgan	95	73.1	31	23.8	3	2.3	1	0.8	0	-	130
Nicholas	336	69.3	105	21.6	16	3.3	5	1.0	23	4.7	485
Ohio	608	77.5	143	18.2	13	1.7	4	0.5	17	2.2	785
Pendleton	90	72.6	30	24.2	3	2.4	0	-	1	0.8	124
Pleasants	80	64.5	35	28.2	6	4.8	1	0.8	2	1.6	124
Pocahontas	77	50.3	52	34.0	15	9.8	0	-	9	5.9	153
Preston	337	64.7	155	29.8	25	4.8	1	0.2	3	0.6	521
Putnam	464	76.9	102	16.9	24	4.0	3	0.5	10	1.7	603
Raleigh	637	45.4	647	46.1	102	7.3	9	0.6	7	0.5	1,402
Randolph	284	70.8	85	21.2	25	6.2	3	0.7	4	1.0	401
Ritchie	115	64.6	46	25.8	7	3.9	4	2.2	6	3.4	178
Roane	167	61.4	77	28.3	18	6.6	3	1.1	7	2.6	272
Summers	118	48.8	92	38.0	24	9.9	1	0.4	7	2.9	242
Taylor	183	71.8	58	22.7	10	3.9	2	0.8	2	0.8	255
Tucker	89	70.6	31	24.6	4	3.2	0	-	2	1.6	126
Tyler	108	72.5	33	22.1	7	4.7	1	0.7	0	-	149
Upshur	266	70.9	84	22.4	20	5.3	2	0.5	3	0.8	375
Wayne	436	66.5	177	27.0	29	4.4	5	0.8	9	1.4	656
Webster	151	74.4	39	19.2	10	4.9	0	-	3	1.5	203
Wetzel	227	72.1	80	25.4	5	1.6	1	0.3	2	0.6	315
Wirt	42	66.7	19	30.2	2	3.2	0	-	0	-	63
Wood	1,024	71.4	292	20.3	39	2.7	25	1.7	55	3.8	1,435
Wyoming	250	43.1	256	44.1	49	8.4	11	1.9	14	2.4	580
TOTAL	19,375	65.2	7,805	26.3	1,567	5.3	263	0.9	716	2.4	29,726

WEST VIRGINIA RESIDENT BIRTHS 1979

Prenatal Care by Race, Marital Status, and Education of Mother

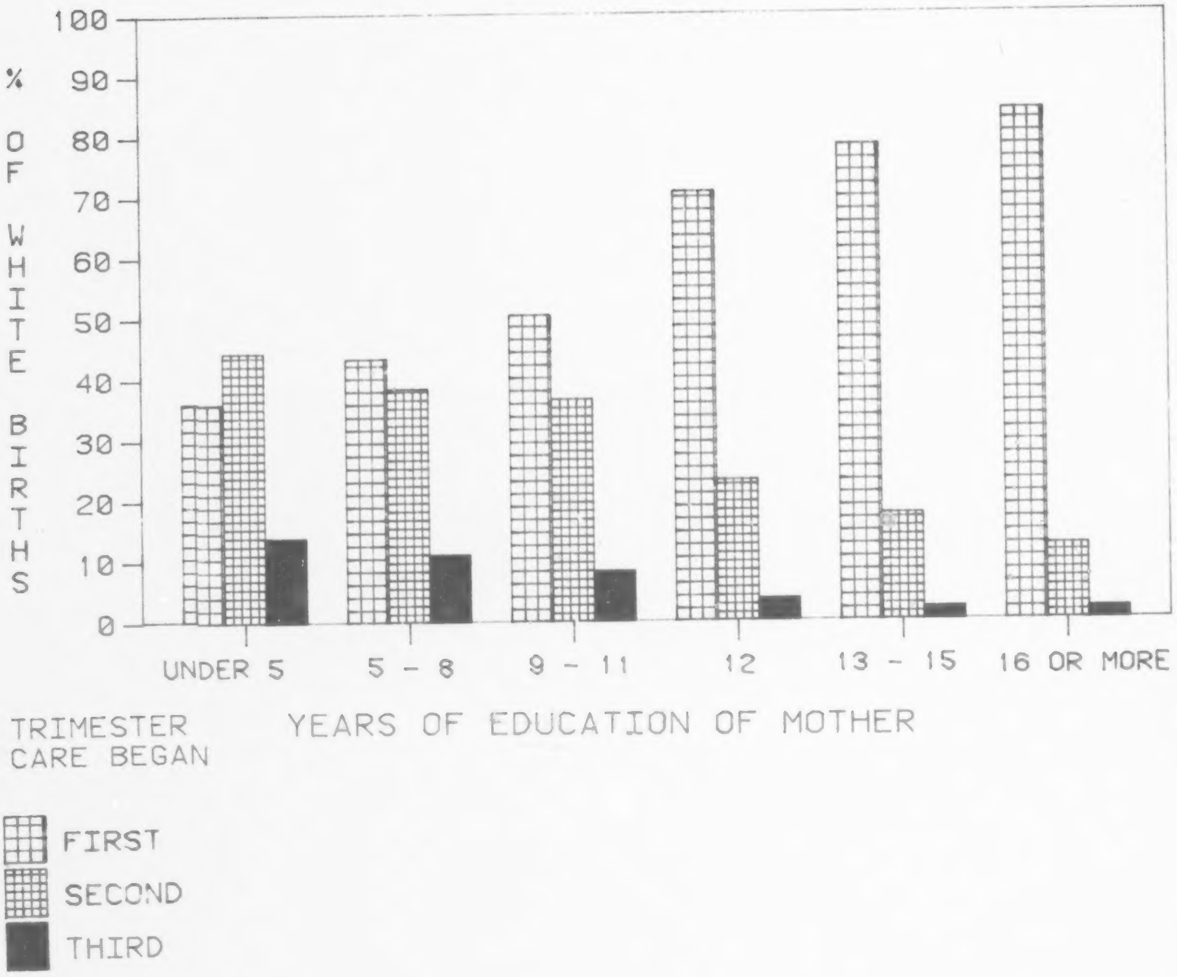
Table 16

Birth Characteristics	Time Prenatal Care Began					
	First Trimester	Second Trimester	Third Trimester	No Care	Unknown Care	TOTAL
White Births:						
Married	17,630	6,097	1,027	132	555	25,441
Not Married	1,086	1,287	411	112	114	3,010
TOTAL	18,716	7,384	1,438	244	669	28,451
Mother's Education Level:						
Under 5 years	13	16	5	2	0	36
5 - 8 years	740	656	190	56	62	1,704
9 - 11 years	3,663	2,662	606	95	240	7,266
12 years	9,320	3,065	495	66	260	13,206
13 - 15 years	2,610	592	73	11	51	3,337
16 years or more	2,286	339	55	9	35	2,724
Unknown	84	54	14	5	21	178
TOTAL	18,716	7,384	1,438	244	669	28,451
Non-White Births:						
Married	433	184	51	4	23	695
Not Married	226	237	78	15	24	580
TOTAL	659	421	129	19	47	1,275
Mother's Education Level:						
Under 5 years	1	2	1	0	0	4
5 - 8 years	18	12	10	3	4	47
9 - 11 years	111	127	30	9	11	288
12 years	301	195	64	5	15	580
13 - 15 years	132	55	16	2	10	215
16 years or more	90	28	5	0	5	128
Unknown	6	2	3	0	2	13
TOTAL	659	421	129	19	47	1,275

WEST VIRGINIA RESIDENT BIRTHS 1979

Prenatal Care by Race and Education of Mother

Exhibit 7

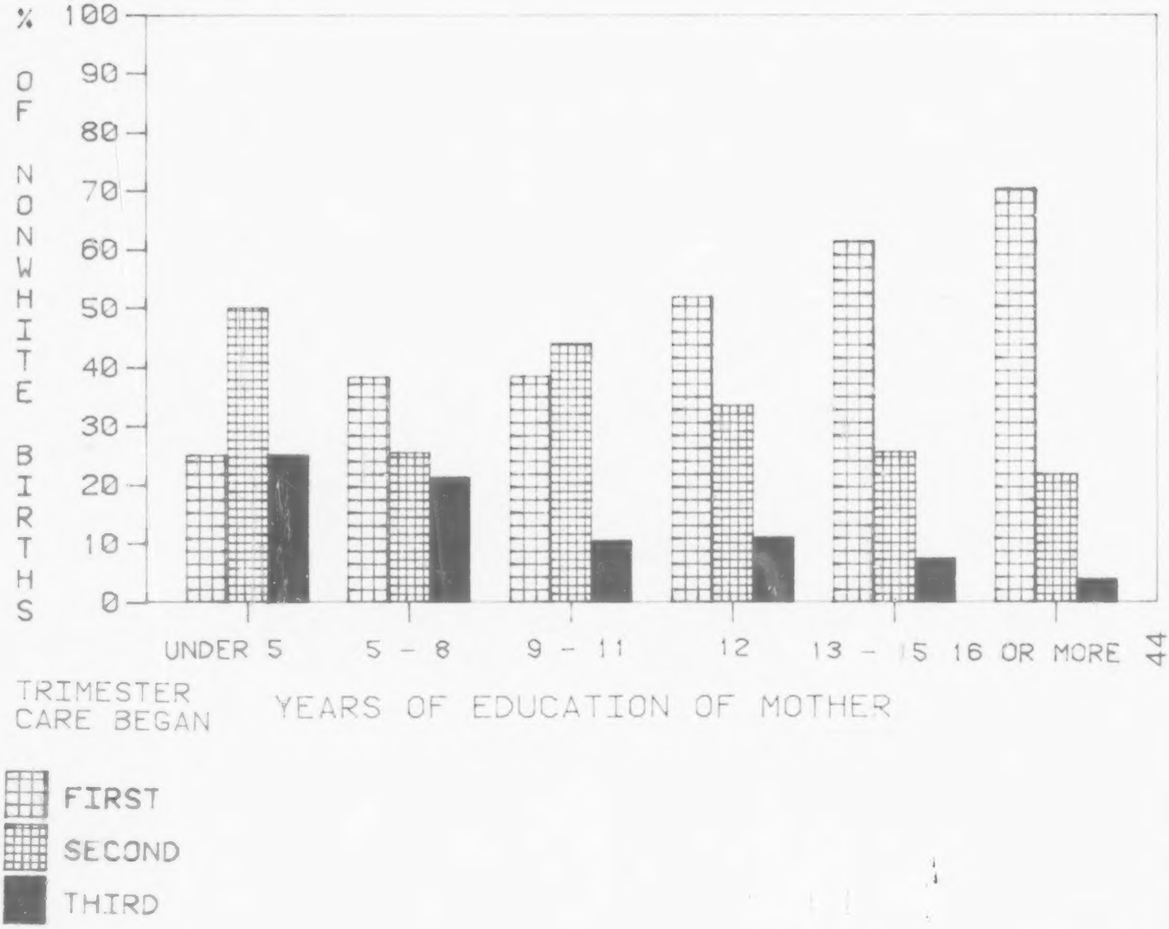


White Births: Years of Education of Mother	Time Prenatal Care Began					
	First Trimester	Second Trimester	Third Trimester	No Care	Unknown Care	TOTAL
Under 5 years	36.1	44.4	13.9	5.6	-	100.0%
5 - 8 years	43.4	38.5	11.2	3.3	3.6	100.0%
9 - 11 years	50.4	36.6	8.3	1.3	3.3	100.0%
12 years	70.6	23.2	3.7	0.5	2.0	100.0%
13 - 15 years	78.2	17.7	2.2	0.3	1.5	100.0%
16 or more years	83.9	12.4	2.0	0.3	1.3	100.0%
Unknown	47.2	30.3	7.9	2.8	11.8	100.0%
TOTAL	65.8	26.0	5.1	0.9	2.4	100.0%

WEST VIRGINIA RESIDENT BIRTHS 1979

Prenatal Care by Race and Education of Mother

Exhibit 7 (cont'd)

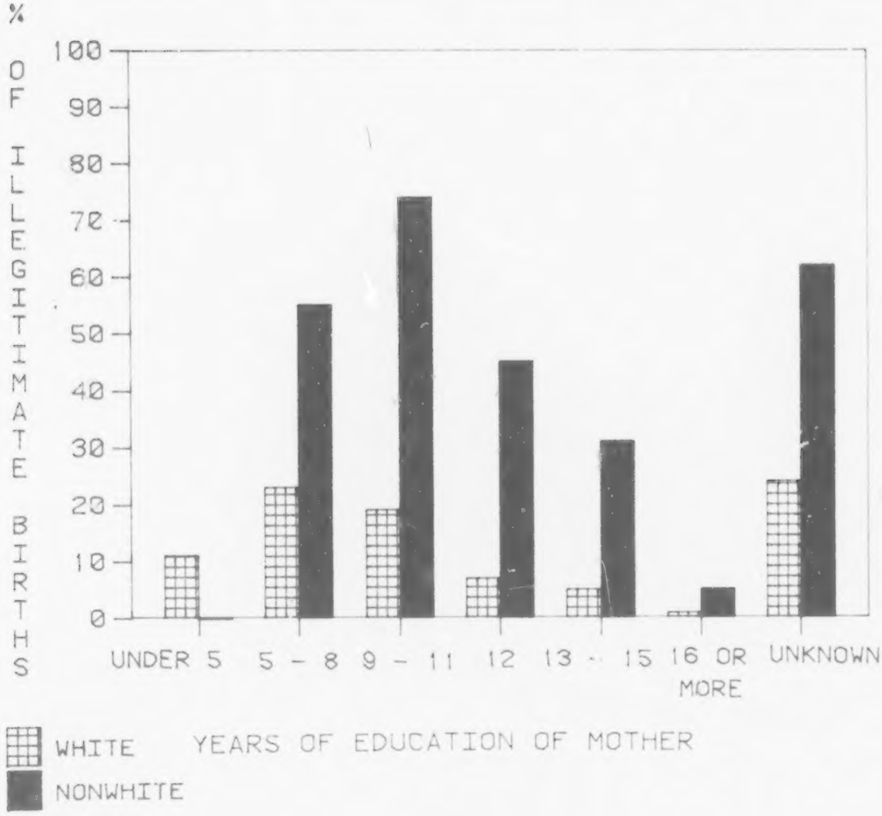


Non-White Births: Years of Education of Mother	Time Prenatal Care Began					
	First Trimester	Second Trimester	Third Trimester	No Care	Unknown Care	TOTAL
Under 5 years	25.0	50.0	25.0	-	-	100.0%
5 - 8 years	38.3	25.5	21.3	6.4	8.5	100.0%
9 - 11 years	38.5	44.1	10.4	3.1	3.8	100.0%
12 years	51.9	33.6	11.0	0.9	2.6	100.0%
13 - 15 years	61.4	25.6	7.4	0.9	4.7	100.0%
16 or more years	70.3	21.9	3.9	-	3.9	100.0%
Unknown	46.2	15.4	23.1	-	15.4	100.0%
TOTAL	51.7	33.0	10.1	1.5	3.7	100.0%

WEST VIRGINIA RESIDENT BIRTHS 1979

Education of Mother by Race, Legitimacy Status

Exhibit 8



Education of Mother	Resident Births - White			Resident Births - Non-White		
	Number Illegitimate	Percent Illegitimate	TOTAL	Number Illegitimate	Percent Illegitimate	TOTAL
Under 5 years	4	11%	36	0	-	4
5 - 8 years	390	23%	1,704	26	55%	47
9 - 11 years	1,413	19%	7,266	212	74%	288
12 years	957	7%	13,206	261	45%	580
13 - 15 years	173	5%	3,337	66	31%	215
16 or more years	30	1%	2,724	7	5%	128
Unknown	43	24%	178	8	62%	13
TOTAL	3,010	11%	28,451	580	45%	1,275

WEST VIRGINIA RESIDENT BIRTHS 1979
Prenatal Care Visits by County of Residence
Table 17

COUNTY OF RESIDENCE	PRENATAL CARE VISITS												TOTAL
	No Visits		1-5 Visits		6-10 Visits		11-15 Visits		16 or More		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Barbour	3	1.2	27	10.4	109	41.9	108	41.5	10	3.8	3	1.2	260
Berkeley	3	0.4	68	9.6	278	39.3	337	47.6	12	1.7	10	1.4	708
Boone	7	1.4	65	12.7	339	66.3	64	12.5	7	1.4	29	5.7	511
Braxton	1	0.5	22	11.0	107	53.5	45	22.5	5	2.5	20	10.0	200
Brooke	3	0.7	21	5.2	137	34.0	230	57.1	10	2.5	2	0.5	403
Cabell	19	1.2	166	10.5	757	48.1	560	35.6	34	2.2	39	2.5	1,575
Calhoun	1	0.8	3	2.3	62	48.4	57	44.5	1	0.8	4	3.1	128
Clay	2	1.1	50	26.6	97	51.6	26	13.8	1	0.5	12	6.4	188
Doddridge	1	1.0	8	8.2	44	45.4	42	43.3	1	1.0	1	1.0	97
Fayette	4	0.4	106	11.8	460	51.1	295	32.8	23	2.6	12	1.3	900
Gilmer	0	-	8	6.1	75	56.8	43	32.6	3	2.3	3	2.3	132
Grant	3	2.0	8	5.2	80	52.3	49	32.0	8	5.2	5	3.3	153
Greenbrier	3	0.6	96	17.7	198	36.5	192	35.4	42	7.7	11	2.0	542
Hampshire	3	1.4	5	2.4	84	40.0	106	50.5	9	4.3	3	1.4	210
Hancock	3	0.6	56	10.4	222	41.3	222	41.3	31	5.8	4	0.7	538
Hardy	1	0.9	1	0.9	50	42.7	61	52.1	4	3.4	0	-	117
Harrison	4	0.3	72	6.2	612	53.1	432	37.5	31	2.7	2	0.2	1,153
Jackson	5	1.3	56	14.5	206	53.2	101	26.1	10	2.6	9	2.3	387
Jefferson	1	0.2	62	13.3	176	37.7	207	44.3	12	2.6	9	1.9	467
Kanawha	5	0.1	573	16.5	2,014	57.8	726	20.8	34	1.0	131	3.8	3,483
Lewis	3	1.2	25	9.8	126	49.2	77	30.1	7	2.7	18	7.0	256
Lincoln	12	3.0	72	17.7	213	52.5	96	23.6	2	0.5	11	2.7	406
Logan	10	1.1	181	19.4	565	60.5	155	16.6	9	1.0	14	1.5	934
McDowell	27	2.8	280	28.6	423	43.2	206	21.0	3	0.3	40	4.1	979
Marion	9	1.0	103	11.2	481	52.3	265	28.8	59	6.4	3	0.3	920
Marshall	4	0.6	19	3.1	196	31.8	343	55.6	30	4.9	25	4.1	617
Mason	4	0.9	60	12.9	297	64.0	90	19.4	3	0.6	10	2.2	464
Mercer	10	0.9	204	18.5	473	42.8	345	31.2	11	1.0	62	5.6	1,105

WEST VIRGINIA RESIDENT BIRTHS 1979

Prenatal Care Visits by County of Residence

Table 17 (cont'd)

COUNTY OF RESIDENCE	PRENATAL CARE VISITS												TOTAL
	No Visits		1-5 Visits		6-10 Visits		11-15 Visits		16 or More		Unknown		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Mineral	2	0.5	25	6.0	229	55.0	112	26.9	35	8.4	13	3.1	416
Mingo	22	2.9	292	38.6	325	43.0	87	11.5	8	1.1	22	2.9	756
Monongalia	4	0.4	53	5.5	325	33.9	518	54.1	56	5.8	2	0.2	958
Monroe	2	1.1	25	13.4	92	49.5	54	29.0	8	4.3	5	2.7	186
Morgan	1	0.8	5	3.8	45	34.6	77	59.2	2	1.5	0	-	130
Nicholas	5	1.0	34	7.0	247	50.9	150	30.9	17	3.5	32	6.6	485
Ohio	4	0.5	26	3.3	238	30.3	482	61.4	21	2.7	14	1.8	785
Pendleton	0	-	11	8.9	46	37.1	64	51.6	3	2.4	0	-	124
Pleasants	1	0.8	11	8.9	48	38.7	61	49.2	2	1.6	1	0.8	124
Pocahontas	0	-	39	25.5	56	36.6	43	28.1	5	3.3	10	6.5	153
Preston	1	0.2	47	9.0	233	44.7	221	42.4	16	3.1	3	0.6	521
Putnam	3	0.5	61	10.1	310	51.4	210	34.8	6	1.0	13	2.2	603
Raleigh	9	0.6	140	10.0	649	46.3	539	38.4	59	4.2	6	0.4	1,402
Randolph	3	0.7	46	11.5	190	47.4	141	35.2	17	4.2	4	1.0	401
Ritchie	4	2.2	19	10.7	82	46.1	62	34.8	6	3.4	5	2.8	178
Roane	3	1.1	44	16.2	162	59.6	52	19.1	4	1.5	7	2.6	272
Summers	1	0.4	27	11.2	104	43.0	99	40.9	5	2.1	6	2.5	242
Taylor	2	0.8	31	12.2	145	56.9	62	24.3	13	5.1	2	0.8	255
Tucker	0	-	11	8.7	66	52.4	43	34.1	5	4.0	1	0.8	126
Tyler	1	0.7	24	16.1	66	44.3	54	36.2	2	1.3	2	1.3	149
Upshur	2	0.5	44	11.7	214	57.1	105	28.0	4	1.1	6	1.6	375
Wayne	5	0.8	61	9.3	331	50.5	234	35.7	14	2.1	11	1.7	656
Webster	0	-	35	17.2	101	49.8	54	26.6	9	4.4	4	2.0	203
Wetzel	1	0.3	33	10.5	156	49.5	117	37.1	3	1.0	5	1.6	315
Wirt	0	-	3	4.8	30	47.6	30	47.6	0	-	0	-	63
Wood	25	1.7	93	6.5	570	39.7	626	43.6	58	4.0	63	4.4	1,435
Wyoming	11	1.9	90	15.5	245	42.2	195	33.6	26	4.5	13	2.2	580
TOTAL	263	0.9	3,747	12.6	14,186	47.7	9,972	33.5	816	2.7	742	2.5	29,726

WEST VIRGINIA RESIDENT BIRTHS 1979
Number and Rate by City
Table 18

Cities with Population of 10,000 or Larger	Population Estimate July 1, 1977*	Number of Resident Births	Rate per 1,000 Population
Beckley	21,343	345	16.2
Bluefield	16,571	305	18.4
Charleston	66,965	900	13.4
Clarksburg	22,718	347	15.3
Fairmont	26,170	356	13.6
Huntington	69,592	964	13.9
Martinsburg	13,757	219	15.9
Morgantown	32,079	339	10.6
Moundsville	12,946	213	16.5
Parkersburg	38,784	687	17.7
Saint Albans	14,517	234	16.1
South Charleston	16,614	215	12.9
Vienna	10,956	147	13.4
Weirton	25,626	297	11.6
Wheeling	43,189	559	12.9

*Bureau of the Census, Current Population Report, Series P-25, No. 861 (November 1979)

S.M.S.A. RESIDENT BIRTHS 1979

Number and Rate

Table 19

S.M.S.A. AND COUNTY	PROVISIONAL POPULATION (July 1, 1978)*	NUMBER OF BIRTHS	RATE PER 1,000 POPULATION
Charleston, WV			
West Virginia Portion	261,000	4,086	15.7
Kanawha	227,300	3,483	15.3
Putnam	33,700	603	17.9
TOTAL	261,000	4,086	15.7
Huntington - Ashland WV - KY - Ohio			
West Virginia Portion	145,700	2,231	15.3
Cabell	104,600	1,575	15.1
Wayne	41,100	656	16.0
Kentucky Portion**	91,900	1,396	15.2
Greenup	37,000	560	15.1
Boyd	54,900	836	15.2
Ohio Portion***	62,300	1,076	17.3
Lawrence	62,300	1,076	17.3
TOTAL	299,900	4,703	15.7
Parkersburg - Marietta WV - Ohio			
West Virginia Portion	96,300	1,498	15.6
Wirt	4,900	63	12.9
Wood	91,400	1,435	15.7
Ohio Portion***	61,400	1,013	16.5
Washington	61,400	1,013	16.5
TOTAL	157,700	2,511	15.9
Steubenville - Weirton WV - Ohio			
West Virginia Portion	68,900	941	13.7
Brooke	30,100	403	13.4
Hancock	38,800	538	13.9
Ohio Portion***	93,100	1,195	12.8
Jefferson	93,100	1,195	12.8
TOTAL	162,000	2,136	13.2
Wheeling, WV WV - Ohio			
West Virginia Portion	99,400	1,402	14.1
Marshall	40,100	617	15.4
Ohio	59,300	785	13.2
Ohio Portion***	81,700	1,089	13.3
Belmont	81,700	1,089	13.3
TOTAL	181,100	2,491	13.8

*Source: 1978 Population estimates as prepared by the U. S. Department of Commerce/Bureau of the Census, "Current Population Reports", Series P-26, No. 78-17, No. 78-35 and No. 78-48.

**Source: Office of Health Data, Department of Human Resources, State of Kentucky.

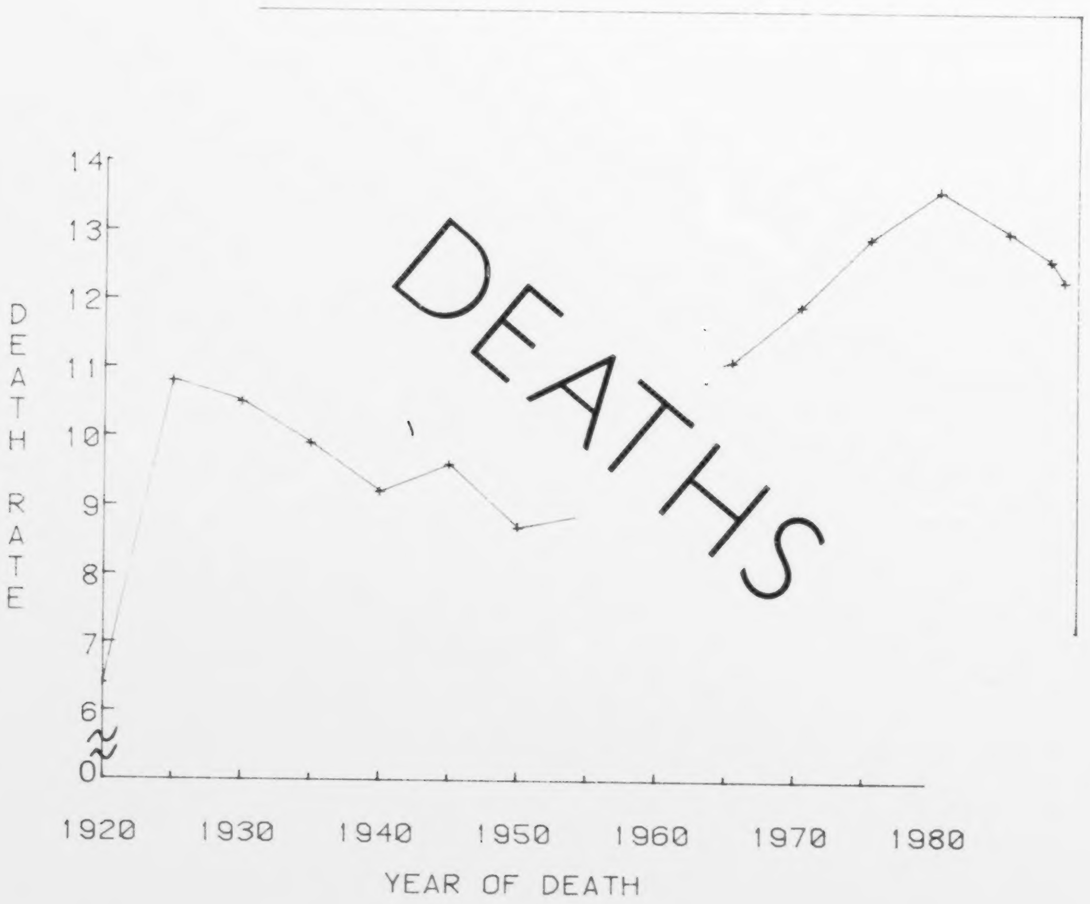
***Source: Statistical Analysis Unit, Division of Data Services, Ohio Department of Health.

WEST VIRGINIA RESIDENT BIRTHS 1979

Out-of-State Occurrences

Table 20

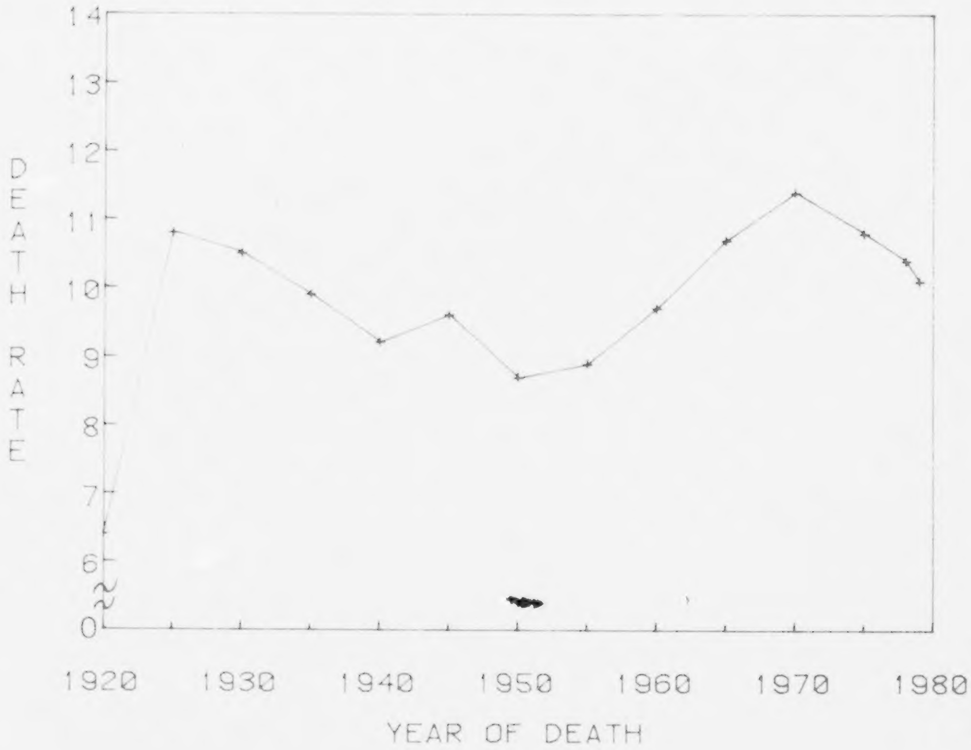
STATE	NUMBER OF BIRTHS
Virginia	892
Maryland	682
Ohio	616
Kentucky	504
Pennsylvania	40
District of Columbia	6
Massachusetts	6
North Carolina	5
Tennessee	4
New York	3
Colorado	2
New Jersey	2
South Carolina	2
Delaware	1
Florida	1
Idaho	1
Indiana	1
Louisiana	1
Michigan	1
Nevada	1
Utah	1
Wisconsin	1
TOTAL	2,773


DEATHS
14
13
12
11
10
9
8
7
6
0
DEATH RATE
1920
1930
1940
1950
1960
1970
1980
YEAR OF DEATH

WEST VIRGINIA RESIDENT DEATHS 1920-1979

Number and Rate

Exhibit 9



YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 1,000 POPULATION
1920	9,334	6.4
1925	17,132	10.8
1930	18,220	10.5
1935	18,342	9.9
1940	17,577	9.2
1945	16,464	9.6
1950	17,459	8.7
1955	16,712	8.9
1960	18,040	9.7
1965	19,121	10.7
1970	19,924	11.4
1975	19,479	10.8
1978	19,351	10.4
1979	18,871	10.1

WEST VIRGINIA RESIDENT DEATHS 1979

County of Residence by Race and Sex

Table 21

COUNTY	WHITE		NON-WHITE		TOTAL
	Male	Female	Male	Female	
Barbour	99	74	1	0	174
Berkeley	216	178	7	4	405
Boone	164	107	1	2	274
Braxton	77	54	0	0	131
Brooke	170	109	0	1	280
Cabell	614	534	29	34	1211
Calhoun	49	26	0	0	75
Clay	65	42	0	0	107
Doddridge	42	27	0	0	69
Fayette	333	240	40	33	646
Gilmer	42	33	0	0	75
Grant	49	35	3	0	87
Greenbrier	187	147	6	11	351
Hampshire	86	46	0	1	133
Hancock	192	133	8	5	338
Hardy	39	38	1	2	80
Harrison	420	398	7	10	835
Jackson	129	86	0	0	215
Jefferson	120	109	11	16	256
Kanawha	1108	901	106	86	2201
Lewis	117	107	1	1	226
Lincoln	115	86	0	0	201
Logan	264	174	19	11	468
McDowell	227	140	61	43	471
Marion	381	337	15	15	748
Marshall	202	152	0	3	357
Mason	136	114	1	1	252
Mercer	384	271	42	37	734
Mineral	124	110	7	3	244
Mingo	210	136	8	14	368
Monongalia	301	235	8	11	555
Monroe	73	53	3	0	129
Morgan	52	52	2	1	107
Nicholas	139	80	0	0	219
Ohio	389	372	15	18	794
Pendleton	47	54	0	0	101
Pleasants	40	31	0	0	71
Pocahontas	66	41	4	0	111
Preston	173	124	0	0	297
Putnam	158	108	1	0	267
Raleigh	423	320	69	58	870
Randolph	153	118	0	2	273
Ritchie	65	66	0	1	132
Roane	99	77	0	0	176
Summers	118	59	5	4	186
Taylor	93	79	2	0	174
Tucker	64	40	0	1	105
Tyler	59	63	0	0	122
Upshur	110	100	0	0	210
Wayne	200	127	0	0	327
Webster	92	64	0	0	156
Wetzel	125	89	0	0	214
Wirt	34	30	0	0	64
Wood	493	398	4	3	898
Wyoming	170	124	3	4	301
TOTAL	10097	7848	490	436	18871

WEST VIRGINIA DEATHS 1979

Number by County of Residence and County of Occurrence

Table 22

COUNTY	RESIDENCE	OCCURRENCE	COUNTY	RESIDENCE	OCCURRENCE
Barbour	174	144	Monongalia	555	1,120
Berkeley	405	628	Monroe	129	43
Boone	274	175	Morgan	107	86
Braxton	131	47	Nicholas	219	169
Brooke	280	356	Ohio	794	1,153
Cabell	1,211	1,714	Pendleton	101	38
Calhoun	75	80	Pleasants	71	26
Clay	107	55	Pocahontas	111	117
Doddridge	69	33	Preston	297	240
Fayette	646	481	Putnam	267	103
Gilmer	75	19	Raleigh	870	1,283
Grant	87	98	Randolph	273	401
Greenbrier	351	309	Ritchie	132	53
Hampshire	133	84	Roane	176	161
Hancock	338	99	Summers	186	149
Hardy	80	36	Taylor	174	117
Harrison	835	1,018	Tucker	105	76
Jackson	215	209	Tyler	122	70
Jefferson	256	200	Upshur	210	187
Kanawha	2,201	2,636	Wayne	327	253
Lewis	226	174	Webster	156	105
Lincoln	201	74	Wetzel	214	153
Logan	468	340	Wirt	64	23
McDowell	471	368	Wood	898	1,095
Marion	748	612	Wyoming	301	113
Marshall	357	308			
Mason	252	242			
Mercer	734	879	STATE TOTAL	*18,871	19,138
Mineral	244	157			
Mingo	368	229			

*Includes 1,474 West Virginia resident deaths occurring out-of-state.

WEST VIRGINIA RESIDENT DEATHS 1979

Out-of-State Occurrences

Table 23

STATE	NUMBER OF DEATHS
Ohio	422
Virginia	329
Maryland	201
Kentucky	194
Pennsylvania	120
Florida	55
North Carolina	32
District of Columbia	15
Georgia	12
Michigan	10
South Carolina	10
Tennessee	9
California	8
Illinois	8
New Jersey	8
Arizona	7
New York	6
Texas	5
Massachusetts	4
Colorado	3
Missouri	3
Alabama	2
Louisiana	2
Arkansas	1
Delaware	1
Indiana	1
Iowa	1
Kansas	1
Maine	1
New Hampshire	1
Oklahoma	1
Wisconsin	1
TOTAL	1,474

WEST VIRGINIA RESIDENT DEATHS 1975-1979

Number by County of Residence

Table 24

COUNTY OF RESIDENCE	DEATHS					COUNTY OF RESIDENCE	DEATHS				
	1975	1976	1977	1978	1979		1975	1976	1977	1978	1979
Barbour	164	184	188	178	174	Monongalia	554	516	525	532	555
Berkeley	430	417	405	433	405	Monroe	143	133	151	150	129
Boone	269	314	276	306	274	Morgan	95	100	103	92	107
Braxton	144	158	164	138	131	Nicholas	241	242	251	268	219
Brooke	257	261	237	246	280	Ohio	763	771	784	799	794
Cabell	1,190	1,279	1,194	1,268	1,211	Pendleton	86	98	92	69	101
Calhoun	105	95	92	101	75	Pleasants	70	75	74	90	71
Clay	107	128	106	123	107	Pocahontas	122	127	120	143	111
Doddridge	89	72	92	89	69	Preston	264	280	291	309	297
Fayette	713	662	637	666	646	Putnam	268	250	244	237	267
Gilmer	63	80	79	102	75	Raleigh	874	899	870	870	870
Grant	93	94	103	72	87	Randolph	272	282	320	290	273
Greenbrier	401	384	384	409	351	Ritchie	152	123	143	149	132
Hampshire	134	138	141	142	133	Roane	181	205	166	197	176
Hancock	369	369	351	349	338	Summers	200	190	184	173	186
Hardy	84	104	96	110	80	Taylor	209	199	191	185	174
Harrison	887	945	873	905	835	Tucker	96	109	90	110	105
Jackson	190	176	200	177	215	Tyler	135	109	125	123	122
Jefferson	263	234	249	248	256	Upshur	203	193	211	232	210
Kanawha	2,392	2,371	2,268	2,326	2,201	Wayne	316	366	369	340	327
Lewis	225	225	229	218	226	Webster	138	140	115	130	156
Lincoln	236	231	223	222	201	Wetzel	225	230	220	199	214
Logan	510	535	432	434	468	Wirt	65	63	54	49	64
McDowell	611	567	584	509	471	Wood	849	835	838	885	898
Marion	742	813	738	742	748	Wyoming	278	267	272	247	301
Marshall	389	414	396	382	357	TOTAL	19,479	19,660	19,201	19,351	18,871
Mason	242	262	248	222	252						
Mercer	762	747	764	738	734						
Mineral	226	216	251	267	244						
Mingo	393	383	398	361	368						

WEST VIRGINIA RESIDENT DEATHS 1979
County of Residence by Age at Death
Table 25

COUNTY	AGE IN YEARS												UNKNOWN	TOTAL
	Less Than 1 Year	1-4 Years	5-9 Years	10-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85 Years & Over		
Barbour	2	1	0	1	6	6	6	7	23	37	54	31	0	174
Berkeley	6	0	0	1	8	10	11	31	66	114	105	53	0	405
Boone	7	0	0	2	11	13	8	20	58	65	55	35	0	274
Braxton	3	1	0	0	3	1	5	9	18	28	35	28	0	131
Brooke	5	0	0	1	4	5	8	25	52	65	67	48	0	280
Cabell	21	6	3	5	18	22	38	71	174	290	328	235	0	1,211
Calhoun	3	0	0	0	0	1	3	10	11	12	25	10	0	75
Clay	6	1	0	0	3	1	5	7	22	22	20	20	0	107
Doddridge	0	1	0	1	2	1	0	8	12	19	16	9	0	69
Fayette	12	1	3	0	9	17	11	44	104	190	164	91	0	646
Gilmer	2	0	0	0	1	1	0	7	7	26	20	10	1	75
Grant	2	0	0	0	0	2	3	5	12	21	28	14	0	87
Greenbrier	5	2	2	0	7	3	14	16	64	86	95	56	1	351
Hampshire	1	0	1	1	6	6	4	5	28	31	28	22	0	133
Hancock	7	1	2	1	9	6	6	26	61	89	86	44	0	338
Hardy	1	0	0	0	4	3	5	4	16	19	18	10	0	80
Harrison	13	2	0	1	16	11	20	47	143	191	223	167	1	835
Jackson	1	1	0	0	10	5	12	15	29	44	63	35	0	215
Jefferson	5	2	5	1	6	8	10	25	43	70	50	31	0	256
Kanawha	43	9	6	1	52	51	65	183	368	548	539	336	0	2,201
Lewis	5	0	0	0	2	1	3	17	33	60	55	50	0	226
Lincoln	3	0	0	0	5	6	4	12	28	58	49	36	0	201
Logan	9	3	2	3	17	19	20	50	92	97	110	46	0	468
McDowell	21	3	2	0	16	17	15	37	95	114	103	48	0	471
Marion	13	1	3	3	7	11	18	48	116	166	211	151	0	748
Marshall	6	1	0	1	7	9	10	17	62	77	99	68	0	357
Mason	5	0	0	0	9	4	6	19	38	57	66	48	0	252
Mercer	22	6	3	5	17	11	16	67	113	172	211	91	0	734

WEST VIRGINIA RESIDENT DEATHS 1979

County of Residence by Age at Death

Table 25 (cont'd)

COUNTY	AGE IN YEARS												UNKNOWN	TOTAL
	Less Than 1 Year	1-4 Years	5-9 Years	10-14 Years	15-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85 Years & Over		
Mineral	5	1	3	1	0	5	6	10	39	68	63	43	0	244
Mingo	13	3	0	1	15	18	12	29	68	82	90	36	1	368
Monongalia	11	2	1	2	6	12	10	48	99	122	146	96	0	555
Monroe	2	0	0	2	7	3	3	9	23	29	24	27	0	129
Morgan	0	1	0	0	3	3	3	9	15	24	27	22	0	107
Nicholas	5	1	1	0	9	6	5	20	38	54	50	30	0	219
Ohio	13	4	0	3	15	9	12	49	125	208	213	143	0	794
Pendleton	6	0	0	0	5	0	1	8	11	16	26	28	0	101
Pleasants	3	0	1	1	2	2	3	3	13	14	15	14	0	71
Pocahontas	4	0	0	0	3	0	5	10	16	27	24	22	0	111
Preston	7	1	2	1	7	5	8	11	41	83	65	66	0	297
Putnam	4	4	2	2	11	10	11	23	42	68	54	36	0	267
Raleigh	15	5	2	3	22	13	24	70	136	233	217	130	0	870
Randolph	5	2	1	2	7	9	8	13	33	68	82	43	0	273
Ritchie	5	0	0	0	1	2	6	5	14	25	43	31	0	132
Roane	6	1	0	1	1	2	1	9	23	50	46	36	0	176
Summers	6	1	1	0	4	5	1	16	30	46	42	34	0	186
Taylor	1	0	0	1	5	4	5	9	25	39	50	35	0	174
Tucker	3	1	0	0	1	5	2	6	13	31	26	17	0	105
Tyler	4	0	1	0	2	2	4	3	22	34	31	19	0	122
Upshur	10	1	0	0	2	5	6	7	23	58	58	40	0	210
Wayne	4	0	3	4	12	9	14	30	38	83	77	53	0	327
Webster	4	0	1	1	5	3	7	11	24	39	38	23	0	156
Wetzel	4	1	0	0	7	3	2	16	35	51	58	37	0	214
Wirt	0	0	0	0	2	0	1	3	11	18	15	14	0	64
Wood	30	5	1	1	9	18	20	58	130	231	236	159	0	898
Wyoming	9	6	1	1	11	12	19	31	49	65	66	31	0	301
TOTAL	408	82	53	55	429	416	525	1,348	3,024	4,634	4,805	3,088	4	18,871

WEST VIRGINIA RESIDENT DEATHS 1979

Place Death Occurred by County of Residence

Table 26

COUNTY OF RESIDENCE	PLACE DEATH OCCURRED							TOTAL
	*Hospital	Out-of-State Hospital	**Enroute to Hospital	Clinic or Center	Licensed Nursing Home	Unlicensed Personal Care Home	Unknown	
Barbour	150	3	0	1	11	0	9	174
Berkeley	290	42	0	0	28	0	45	405
Boone	201	5	0	5	9	0	54	274
Braxton	73	3	1	1	6	0	47	131
Brooke	114	70	0	0	18	1	77	280
Cabell	955	71	0	0	70	2	113	1,211
Calhoun	61	0	0	0	3	1	10	75
Clay	50	1	0	0	4	0	52	107
Doddridge	38	1	0	1	3	0	26	69
Fayette	462	20	0	0	36	1	127	646
Gilmer	49	3	1	0	4	1	17	75
Grant	47	17	0	0	0	0	23	87
Greenbrier	198	51	0	0	18	1	83	351
Hampshire	64	40	0	0	7	1	21	133
Hancock	161	99	0	0	22	0	56	338
Hardy	27	14	0	0	5	2	32	80
Harrison	558	21	0	1	72	26	157	835
Jackson	136	7	0	0	19	1	52	215
Jefferson	169	43	0	0	24	0	20	256
Kanawha	1,445	40	0	1	144	8	563	2,201
Lewis	176	5	0	0	15	0	30	226
Lincoln	122	2	0	8	13	0	56	201
Logan	409	16	0	0	8	0	35	468
McDowell	392	34	0	0	5	0	40	471
Marion	481	10	0	0	83	2	172	748
Marshall	284	27	0	0	24	0	22	357
Mason	155	50	0	0	3	0	44	252
Mercer	625	40	0	0	24	0	45	734
Mineral	125	79	0	0	8	0	32	244
Mingo	152	112	0	0	1	0	103	368

* Includes deaths enroute to named hospital.
** Includes deaths enroute to unnamed hospital.

WEST VIRGINIA RESIDENT DEATHS 1979

Place Death Occurred by County of Residence

Table 26 (cont'd)

COUNTY OF RESIDENCE	PLACE DEATH OCCURRED							TOTAL
	*Hospital	Out-of-State Hospital	**Enroute to Hospital	Clinic or Center	Licensed Nursing Home	Unlicensed Personal Care Home	Unknown	
Monongalia	354	8	1	0	54	3	135	555
Monroe	63	27	0	2	2	1	34	129
Morgan	57	21	0	0	20	0	9	107
Nicholas	158	6	0	0	4	0	51	219
Ohio	552	54	0	0	80	0	108	794
Pendleton	24	40	0	0	4	0	33	101
Pleasants	30	10	0	0	6	0	25	71
Pocahontas	81	7	0	0	0	0	23	111
Preston	211	23	0	1	16	2	44	297
Putnam	148	7	0	1	10	0	101	267
Raleigh	729	27	0	10	37	0	67	870
Randolph	222	7	0	0	28	2	14	273
Ritchie	69	6	0	1	18	0	38	132
Roane	117	3	0	0	11	3	42	176
Summers	148	12	0	0	6	0	20	186
Taylor	149	3	0	0	10	0	12	174
Tucker	81	6	0	0	6	0	12	105
Tyler	72	6	0	2	6	0	36	122
Upshur	170	7	0	0	4	0	29	210
Wayne	196	43	0	0	10	0	78	327
Webster	122	5	0	0	6	0	23	156
Wetzel	153	9	0	0	7	0	45	214
Wirt	40	3	0	0	1	0	20	64
Wood	591	85	1	0	91	6	124	898
Wyoming	219	10	0	17	5	1	49	301
TOTAL	12,925	1,361	4	52	1,129	65	3,335	18,871

* Includes deaths enroute to named hospital.
** Includes deaths enroute to unnamed hospital.

S.M.S.A. RESIDENT DEATHS 1979

Number and Rate

Table 27

S.M.S.A. AND COUNTY	POPULATION (July 1, 1978)* PROVISIONAL	NUMBER OF DEATHS	RATE PER 1,000 POPULATION
Charleston, WV			
West Virginia Portion	261,000	2,468	9.5
Kanawha	227,300	2,201	9.7
Putnam	33,700	267	7.9
TOTAL	261,000	2,468	9.5
Huntington - Ashland WV - KY - Ohio			
West Virginia Portion	145,700	1,538	10.6
Cabell	104,600	1,211	11.6
Wayne	41,100	327	8.0
Kentucky Portion**	91,900	880	9.6
Greenup	37,000	328	8.9
Boyd	54,900	552	10.1
Ohio Portion***	62,300	603	9.7
Lawrence	62,300	603	9.7
TOTAL	299,900	3,021	10.1
Parkersburg - Marietta WV - Ohio			
West Virginia Portion	96,300	962	10.0
Wirt	4,900	64	13.1
Wood	91,400	898	9.8
Ohio Portion***	61,400	576	9.4
Washington	61,400	576	9.4
TOTAL	157,700	1,538	9.8
Steubenville - Weirton WV - Ohio			
West Virginia Portion	68,900	618	9.0
Brooke	30,100	280	9.3
Hancock	38,800	338	8.7
Ohio Portion***	93,100	969	10.4
Jefferson	93,100	969	10.4
TOTAL	162,000	1,587	9.8
Wheeling, WV WV - Ohio			
West Virginia Portion	99,400	1,151	11.6
Marshall	40,100	357	8.9
Ohio	59,300	794	13.4
Ohio Portion***	81,700	944	11.6
Belmont	81,700	944	11.6
TOTAL	181,100	2,095	11.6

*Source: 1978 Population estimate as prepared by the U. S. Department of Commerce/Bureau of the Census, "Current Population Reports", Series P-26, No. 78-48, No. 78-17 and No. 78-35.

**Source: Office of Health Data, Department of Human Resources, State of Kentucky.

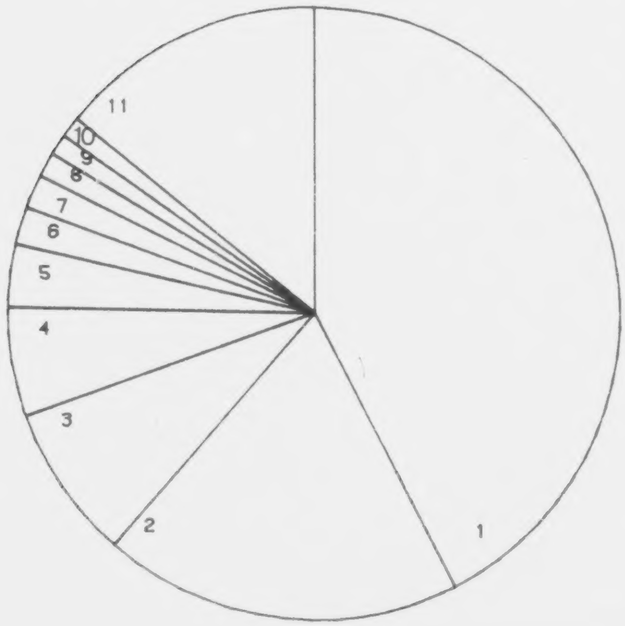
***Source: Statistical Analysis Unit, Division of Data Services, Ohio Department of Health.

WEST VIRGINIA RESIDENT DEATHS 1979

Leading Causes of Death

West Virginia 1979 and United States 1979

Exhibit 10



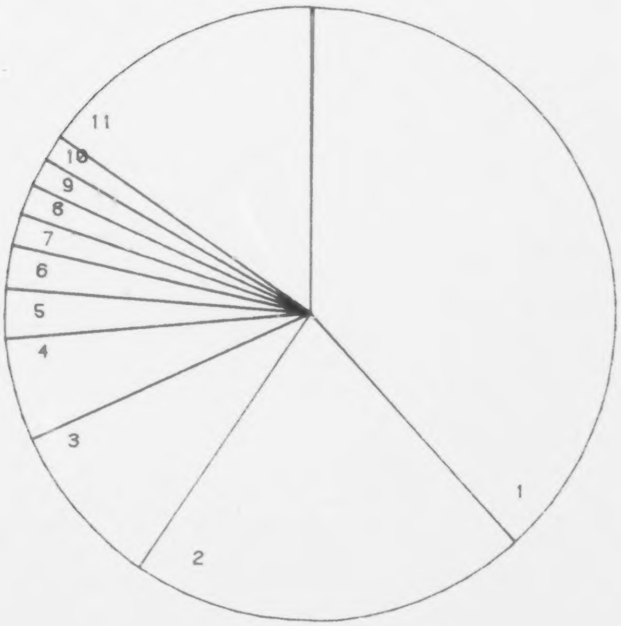
LEADING CAUSES OF DEATH IN WEST VIRGINIA, 1979	RATE PER 100,000 POPULATION	PERCENT OF TOTAL
1. Diseases of the heart	430.6	42.4
2. Malignant neoplasms	192.0	18.9
3. Cerebrovascular diseases	83.1	8.2
4. Accidents, all forms	57.7	5.7
5. Chronic obstructive pulmonary disease and allied conditions	33.9	3.3
6. Pneumonia and influenza	20.1	2.0
7. Diabetes mellitus	18.2	1.8
8. Suicide	12.9	1.3
9. Certain conditions originating in the perinatal period	11.7	1.1
10. Chronic liver disease and cirrhosis	11.5	1.1
TOTAL for leading causes	871.8	85.9
11. All other causes	142.8	14.1
TOTAL for all causes	1,014.6	100.0

WEST VIRGINIA RESIDENT DEATHS 1979

Leading Causes of Death

West Virginia 1979 and United States 1979

Exhibit 10 (cont'd)



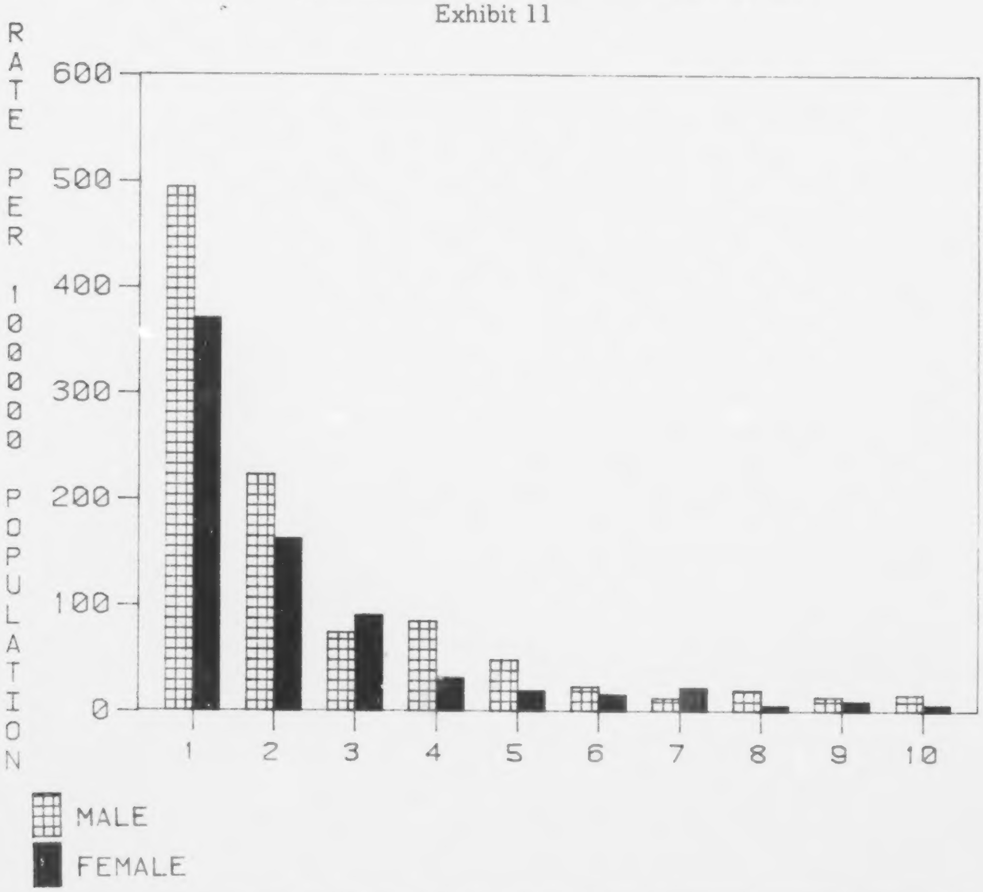
LEADING CAUSES OF DEATH IN THE UNITED STATES, 1979*	RATE PER 100,000 POPULATION	PERCENT OF TOTAL
1. Diseases of the heart	330.4	38.2
2. Malignant Neoplasms	183.5	21.2
3. Cerebrovascular disease	76.5	8.8
4. Accidents, all forms	47.0	5.4
5. Chronic obstructive pulmonary disease and allied conditions	22.7	2.6
6. Pneumonia and influenza	20.0	2.3
7. Diabetes mellitus	15.0	1.7
8. Chronic liver disease and cirrhosis	13.5	1.6
9. Arteriosclerosis	13.0	1.5
10. Suicide	11.7	1.4
TOTAL for leading causes	733.3	84.7
11. All other causes	132.9	15.3
TOTAL for all causes	866.2	100.0

*Monthly Vital Statistics Report - Provisional Statistics, National Center for Health Statistics, Vol. 29, No. 1, April 9, 1980.

WEST VIRGINIA RESIDENT DEATHS 1979

Ten Leading Causes of Death: Number and Rate by Sex

Exhibit 11



LEADING CAUSES OF DEATH	NUMBER OF DEATHS/RATE PER 100,000 POPULATION*				
	Male		Female		TOTAL
	Number	Rate	Number	Rate	
1. Diseases of the heart	4,448	494.2	3,562	371.0	8,010
2. Malignant neoplasms	2,011	223.4	1,561	162.6	3,572
3. Cerebrovascular diseases	675	75.0	871	90.7	1,546
4. Accidents, all forms	765	85.1	307	32.0	1,072
5. Chronic obstructive pulmonary disease and allied conditions	443	49.2	188	19.6	631
6. Pneumonia and influenza	213	23.7	160	16.7	373
7. Diabetes mellitus	120	13.3	219	22.8	339
8. Suicide	184	20.4	56	5.8	240
9. Certain conditions originating in the perinatal period	123	13.7	94	9.8	217
10. Chronic liver disease and cirrhosis	147	16.3	67	7.0	214
TOTAL for ten leading causes	9,129	1014.4	7,085	738.0	16,214
All other causes	1,458	161.9	1,199	124.9	2,657
TOTAL for all causes	10,587	1176.3	8,284	862.9	18,871

*These rates are based on an estimated 900,000 males and 960,000 females.

WEST VIRGINIA RESIDENT DEATHS 1979

Leading Causes by Age Group and Sex

Table 28

LEADING CAUSES OF DEATH	UNDER ONE YEAR					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	233	100.0	175	100.0	408	100.0
Respiratory distress syndrome	39	16.7	22	12.6	61	15.0
Sudden infant death syndrome	35	15.0	21	12.0	56	13.7
Congenital anomalies	29	12.4	25	14.3	54	13.2
Disorders relating to short gestation and unspecified low birthweight	18	7.7	20	11.4	38	9.3
Other respiratory conditions	15	6.4	13	7.4	28	6.9
Newborn affected by maternal complications of pregnancy	12	5.2	10	5.7	22	5.4
Intrauterine hypoxia and birth asphyxia	7	3.0	7	4.0	14	3.4
Septicemia	4	1.7	6	3.4	10	2.5
Newborn affected by complications of placenta, cord and membrane	6	2.6	4	2.3	10	2.5
All other causes	68	29.2	47	26.9	115	28.2

LEADING CAUSES OF DEATH	ONE TO FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	41	100.0	41	100.0	82	100.0
Accidents, all forms	18	43.9	17	41.5	35	42.7
Congenital anomalies	2	4.9	6	14.6	8	9.8
Malignant neoplasms	4	9.8	2	4.9	6	7.3
Homicide	1	2.4	4	9.8	5	6.1
All other causes	16	39.0	12	29.3	28	34.1

LEADING CAUSES OF DEATH	FIVE TO NINE YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	27	100.0	26	100.0	53	100.0
Accidents, all forms	18	66.7	12	46.2	30	56.6
Congenital anomalies	3	11.1	0	-	3	5.7
Malignant neoplasms	1	3.7	2	7.7	3	5.7
Homicide	1	3.7	1	3.8	2	3.8
All other causes	4	14.8	11	42.3	15	28.3

WEST VIRGINIA RESIDENT DEATHS 1979
Leading Causes by Age Group and Sex
Table 28 (cont'd)

LEADING CAUSES OF DEATH	TEN TO FOURTEEN YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	29	100.0	26	100.0	55	100.0
Accidents, all forms	13	44.8	7	26.9	20	36.4
Homicide	2	6.9	3	11.5	5	9.1
Malignant neoplasms	1	3.4	2	7.7	3	5.5
Suicide	2	6.9	1	3.8	3	5.5
Diseases of the heart	1	3.4	2	7.7	3	5.5
All other causes	10	34.5	11	42.3	21	38.2

LEADING CAUSES OF DEATH	FIFTEEN TO TWENTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	317	100.0	112	100.0	429	100.0
Accidents, all forms	223	70.3	61	54.5	284	66.2
Homicide	25	7.9	9	8.0	34	7.9
Suicide	22	6.9	9	8.0	31	7.2
Malignant neoplasms	9	2.8	7	6.3	16	3.7
Diseases of the heart	3	0.9	4	3.6	7	1.6
Congenital anomalies	3	0.9	2	1.8	5	1.2
Cerebrovascular disease	2	0.6	3	2.7	5	1.2
Pneumonia	2	0.6	2	1.8	4	0.9
All other causes	28	8.8	15	13.4	43	10.0

LEADING CAUSES OF DEATH	TWENTY-FIVE TO THIRTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	298	100.0	118	100.0	416	100.0
Accidents, all forms	138	46.3	24	20.3	162	38.9
Malignant neoplasms	20	6.7	31	26.3	51	12.3
Suicide	36	12.1	11	9.3	47	11.3
Homicide	32	10.7	9	7.6	41	9.9
Diseases of the heart	19	6.4	8	6.8	27	6.5
All other causes	53	17.8	35	29.7	88	21.2

WEST VIRGINIA RESIDENT DEATHS 1979
Leading Causes by Age Group and Sex
Table 28 (cont'd)

LEADING CAUSES OF DEATH	THIRTY-FIVE TO FORTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	347	100.0	178	100.0	525	100.0
Diseases of the heart	94	27.1	27	15.2	121	23.0
Accidents, all forms	82	23.6	22	12.4	104	19.8
Malignant neoplasms	45	13.0	58	32.6	103	19.6
Suicide	27	7.8	10	5.6	37	7.0
Chronic liver disease and cirrhosis	19	5.5	4	2.2	23	4.4
Homicide	16	4.6	4	2.2	20	3.8
Cerebrovascular disease	8	2.3	12	6.7	20	3.8
All other causes	56	16.1	41	23.0	97	18.5

LEADING CAUSES OF DEATH	FORTY-FIVE TO FIFTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	866	100.0	482	100.0	1,348	100.0
Diseases of the heart	388	44.8	126	26.1	514	38.1
Malignant neoplasms	185	21.4	172	35.7	357	26.5
Accidents, all forms	75	8.7	25	5.2	100	7.4
Chronic liver disease and cirrhosis	36	4.2	11	2.3	47	3.5
Cerebrovascular diseases	24	2.8	22	4.6	46	3.4
Chronic obstructive pulmonary disease and allied conditions	25	2.9	16	3.3	41	3.0
Suicide	20	2.3	17	3.5	37	2.7
Pneumonia	8	0.9	7	1.5	15	1.1
Homicide	8	0.9	5	1.0	13	1.0
Diabetes Mellitus	3	0.3	7	1.5	10	0.7
All other causes	94	10.9	74	15.4	168	12.5

WEST VIRGINIA RESIDENT DEATHS 1979
Leading Causes by Age Group and Sex
Table 28 (cont'd)

LEADING CAUSES OF DEATH	FIFTY-FIVE TO SIXTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	1,860	100.0	1,164	100.0	3,024	100.0
Diseases of the heart	827	44.5	384	33.0	1,211	40.0
Malignant neoplasms	481	25.9	387	33.2	868	28.7
Cerebrovascular diseases	77	4.1	73	6.3	150	5.0
Chronic obstructive pulmonary disease and allied conditions	85	4.6	57	4.9	142	4.7
Accidents, all forms	86	4.6	19	1.6	105	3.5
Diabetes mellitus	30	1.6	36	3.1	66	2.2
Chronic liver disease and cirrhosis	37	2.0	23	2.0	60	2.0
Pneumonia and influenza	21	1.1	14	1.2	35	1.2
Suicide	26	1.4	5	0.4	31	1.0
All other causes	190	10.2	166	14.3	356	11.8

LEADING CAUSES OF DEATH	SIXTY-FIVE TO SEVENTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	2,837	100.0	1,797	100.0	4,634	100.0
Diseases of the heart	1,272	44.8	812	45.2	2,084	45.0
Malignant neoplasms	656	23.1	426	23.7	1,082	23.3
Cerebrovascular diseases	173	6.1	161	9.0	334	7.2
Chronic obstructive pulmonary disease and allied conditions	189	6.7	56	3.1	245	5.3
Diabetes mellitus	39	1.4	66	3.7	105	2.3
Accidents, all forms	48	1.7	38	2.1	86	1.9
Pneumonia	50	1.8	18	1.0	68	1.5
Chronic liver disease and cirrhosis	44	1.6	14	0.8	58	1.3
Arteriosclerosis	31	1.1	16	0.9	47	1.0
Coalworker's pneumoconiosis	36	1.3	0	-	36	0.8
Suicide	28	1.0	3	0.2	31	0.7
All other causes	271	9.6	187	10.4	458	9.9

WEST VIRGINIA RESIDENT DEATHS 1979

Leading Causes by Age Group and Sex

Table 28 (cont'd)

LEADING CAUSES OF DEATH	SEVENTY-FIVE TO EIGHTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	2,469	100.0	2,336	100.0	4,805	100.0
Diseases of the heart	1,174	47.5	1,168	50.0	2,342	48.7
Malignant neoplasms	457	18.5	333	14.3	790	16.4
Cerebrovascular disease	251	10.2	341	14.6	592	12.3
Chronic obstructive pulmonary diseases and allied conditions	109	4.4	36	1.5	145	3.0
Pneumonia and influenza	67	2.7	43	1.8	110	2.3
Diabetes mellitus	28	1.1	65	2.8	93	1.9
Accidents, all forms	40	1.6	51	2.2	91	1.9
Arteriosclerosis	40	1.6	48	2.1	88	1.8
All other causes	303	12.3	251	10.7	554	11.5

LEADING CAUSES OF DEATH	EIGHTY-FIVE AND OVER					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	1,262	100.0	1,826	100.0	3,088	100.0
Diseases of the heart	661	52.4	1,024	56.1	1,685	54.6
Cerebrovascular disease	136	10.8	256	14.0	392	12.7
Malignant neoplasms	150	11.9	140	7.7	290	9.4
Pneumonia and influenza	51	4.0	70	3.8	121	3.9
Arteriosclerosis	36	2.9	71	3.9	107	3.5
Diabetes mellitus	11	0.9	40	2.2	51	1.7
Accidents, all forms	20	1.6	27	1.5	47	1.5
Chronic obstructive pulmonary diseases and allied conditions	31	2.5	16	0.9	47	1.5
Nephritis, nephrotic syndrome, and Nephrosis	26	2.1	18	1.0	44	1.4
All other causes	140	11.1	164	9.0	304	9.8

WEST VIRGINIA RESIDENT DEATHS 1979

Diseases of the Heart, Number and Rate by Sex

Table 29

I.C.D.A. CODE NUMBER	HEART DISEASE DEATHS	NUMBER AND RATE* BY SEX					
		Male		Female		TOTAL	
		Number	Rate	Number	Rate	Number	Rate
390-398, 402, 404-429	TOTAL	4,448	494.2	3,562	371.0	8,010	430.6
390-398	Rheumatic fever and rheumatic heart disease	20	2.2	52	5.4	72	3.9
402	Hypertensive heart disease	80	8.9	127	13.2	207	11.1
404	Hypertensive heart and renal disease	10	1.1	18	1.9	28	1.5
410-414	Ischemic heart disease	3,376	375.1	2,479	258.2	5,855	314.8
424	Other diseases of endocardium	21	2.3	23	2.4	44	2.4
415-423, 425-429	All other forms of heart disease	941	104.6	863	89.9	1,804	97.0

*These rates are based on an estimated 900,000 males and 960,000 females derived 1970 census population percentage applied to 1978 provisional population.

WEST VIRGINIA RESIDENT DEATHS 1979

Malignant Neoplasms (Cancer), Number and Rate by Sex

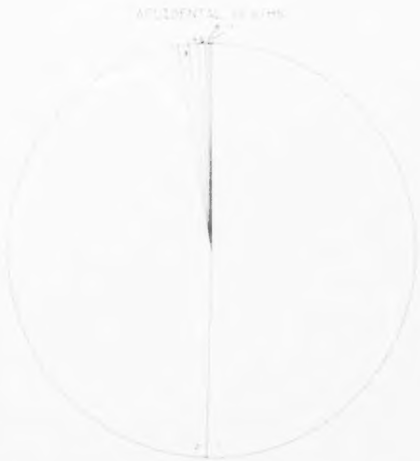
Table 30

I.C.D.A. CODE NUMBER	MALIGNANT NEOPLASM DEATHS	NUMBER AND RATE* BY SEX					
		Male		Female		TOTAL	
		Number	Rate	Number	Rate	Number	Rate
140-208	TOTAL	2,011	223.4	1,561	162.6	3,572	192.0
140-149	Malignant neoplasms of lip, oral cavity, and pharynx	38	4.2	16	1.7	54	2.9
150-159	Malignant neoplasm of digestive organs and peritoneum	477	53.0	411	42.8	888	47.7
160-165	Malignant neoplasm of respiratory and intrathoracic organs	778	86.4	243	25.3	1,021	54.9
170-175	Malignant neoplasm of bone, connective tissue, skin and breast	53	5.9	316	32.9	369	19.8
179-187	Malignant neoplasm of genital organs	201	22.3	218	22.7	419	22.5
188-189	Malignant neoplasm of urinary organs	104	11.6	45	4.7	149	8.0
190-199	Malignant neoplasm of other and unspecified sites	202	22.4	189	19.7	391	21.0
200-203	Malignant neoplasm of lymphatic and hematopoietic tissues	97	10.8	68	7.1	165	8.9
204-208	Leukemia	61	6.8	55	5.7	116	6.2

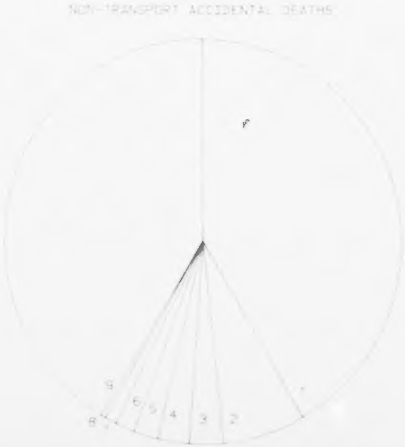
*These rates are based on an estimated 900,000 males and 960,000 females derived 1970 census population percentage applied to 1978 provisional population.

WEST VIRGINIA RESIDENT DEATHS 1979
Types of Accidental Deaths
Exhibit 12

TYPES OF ACCIDENTS	NUMBER
1. Motor Vehicle	541
2. Non-Transport	503
3. Railway	9
4. Air and Space Transport	8
5. Water Transport	6
6. Other Road Vehicle	3
7. Other Miscellaneous Vehicle	2
TOTAL	1,072



WEST VIRGINIA RESIDENT DEATHS 1979
Non-transport Accidental Deaths: Place of Occurrence
Exhibit 13



PLACE OF OCCURRENCE	NUMBER
1. Home	210
2. Mine and quarry	32
3. Industrial place	14
4. Street and highway	13
5. Farms	10
6. Place of recreation	8
7. Public building	5
8. Resident institution	2
9. Other and unspecified	209
TOTAL	503

WEST VIRGINIA RESIDENT DEATHS 1979
Non-transport Accidental Deaths
Table 31

I.C.D.A. CODE NUMBER	NON-TRANSPORT ACCIDENTAL DEATHS	NUMBER OF DEATHS
E850-E869	Poisoning	51
E870-E879	Surgical misadventures and/or complications	14
E880-E888	Falls	131
E890-E899	Fires and flames	82
E900-E909	Nature and environmental factors	17
E910	Drowning and submersion	61
E911	Inhalation and ingestion of food causing suffocation	25
E913.0	Mechanical suffocation in bed or cradle	1
E913.3; E913.8	Other mechanical suffocations	2
E916	Struck accidentally by falling object	37
E919	Accident caused by machinery	25
E922	Accident caused by firearm missile	19
E923	Accident caused by explosive material	3
E925	Accident caused by electric current	7
E928	Other and unspecified environmental and accidental causes	9
E929	Late effects of accidental injury	7
E912; E917; E918; E920; E921; E924	All other non-transport accidental deaths	12
E850-E929	TOTAL	503

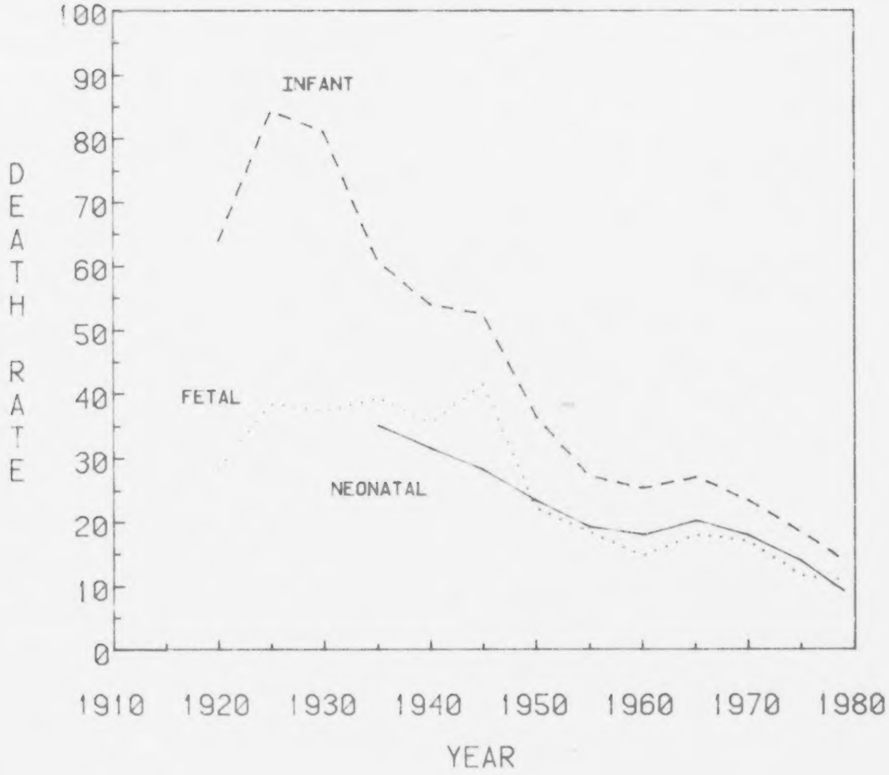
WEST VIRGINIA RESIDENT DEATHS 1979
Home Accidental Deaths
Table 32

I.C.D.A. CODE NUMBER	HOME ACCIDENTAL DEATHS	NUMBER OF DEATHS
E850-869	Poisoning	15
E880-E888	Falls	77
E890-E899	Fires and flames	75
E901	Excessive cold	2
E910	Drowning and submersion	8
E911	Inhalation and ingestion of food causing suffocation	10
E913	Mechanical suffocation	2
E916	Struck accidentally by falling object	2
E918	Caught accidentally in or between objects	1
E919	Accident caused by machinery	1
E920	Accident caused by cutting or piercing instruments or objects	1
E921	Accident caused by explosion of pressure vessel	1
E922	Accident caused by firearm missile	10
E923	Accident caused by explosive material	2
E925	Accident caused by electric current	2
E928	Other and unspecified environmental and accidental causes	1
E850-E928	TOTAL	210

WEST VIRGINIA RESIDENT DEATHS 1920-1979

Fetal, Neonatal, Infant: Number and Ratio

Exhibit 14



YEAR OF DEATH	FETAL DEATHS		NEONATAL DEATHS		INFANT DEATHS	
	Number	Ratio per 1000 Live Births	Number	Ratio per 1000 Live Births	Number	Ratio per 1000 Live Births
1920	783	28.4	NA	NA	1,760	63.9
1925	1,740	38.5	NA	NA	3,809	84.2
1930	1,547	37.2	NA	NA	3,370	81.0
1935	1,647	39.4	1,467	35.1	2,538	60.8
1940	1,483	35.4	1,321	31.5	2,258	53.9
1945	1,594	41.5	1,085	28.2	2,013	52.4
1950	1,126	22.1	1,184	23.3	1,849	36.4
1955	813	18.4	847	19.2	1,198	27.1
1960	583	14.7	713	18.0	1,005	25.3
1965	575	18.0	649	20.3	867	27.1
1970	513	17.0	542	17.9	705	23.3
1975	323	11.6	385	13.8	513	18.3
1978	319	11.0	296	10.2	437	15.1
1979	332	11.2	269	9.0	408	13.7

WEST VIRGINIA INFANT DEATHS 1979
Cause of Death by Age
Table 33

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	TOTAL	UNDER 1 DAY	1 TO 6 DAYS	7 TO 27 DAYS	28 DAYS TO 11 MONTHS
	ALL CAUSES	408	152	73	44	139
008-009	Certain intestinal infections	1	0	0	1	0
036	Meningococcal infections	1	0	0	0	1
038	Septicemia	10	0	1	3	6
140-208	Malignant neoplasms, including neoplasms of lymphatic and hematopietic tissues	3	0	0	0	3
277.0	Cystic fibrosis	1	0	0	0	1
280-289	Diseases of blood and blood-forming organs	2	1	0	1	0
320-322	Meningitis	4	0	0	1	3
323-389	Other diseases of nervous system and sense organs	5	0	1	0	4
460-465	Acute upper respiratory infections	1	0	0	0	1
466,490-491	Bronchitis and bronchiolitis	2	0	0	0	2
480-487	Pneumonia and influenza	8	0	1	1	6
480-486	Pneumonia	8	0	1	1	6
470-478, 492-519	Remainder of diseases of respiratory system	5	0	1	1	3
740-759	Congenital anomalies	54	21	11	8	14
740	Anencephalus and similar anomalies	3	3	0	0	0
741	Spina bifida	6	4	0	0	2
742.3	Congenital hydrocephalus	2	0	1	0	1
742.0-742.2, 742.4-742.9, 743	Other congenital anomalies of central nervous system and eye	3	1	2	0	0
745-746	Congenital anomalies of heart	18	1	4	6	7
747	Other congenital anomalies of circulatory system	1	0	0	1	0
748	Congenital anomalies of respiratory system	1	1	0	0	0
749-751	Congenital anomalies of digestive system	5	1	0	1	3
752-753	Congenital anomalies of genitourinary system	1	1	0	0	0
754-756	Congenital anomalies of musculoskeletal system	6	4	2	0	0

WEST VIRGINIA INFANT DEATHS 1979

Cause of Death by Age

Table 33 (cont'd)

I.C.D.A.CODE NUMBER	CAUSE OF DEATH	TOTAL	UNDER 1 DAY	1 TO 6 DAYS	7 TO 27 DAYS	28 DAYS TO 11 MONTHS
758.0	Down's syndrome	1	0	0	0	1
759	All other and unspecified congenital anomalies	7	5	2	0	0
760-779	Certain conditions originating in the perinatal period	215	125	55	14	21
760	Newborn affected by maternal conditions which may be unrelated to present pregnancy	3	2	0	0	1
761	Newborn affected by maternal complications of pregnancy	22	18	4	0	0
762	Newborn affected by complications of placenta, cord, and membranes	10	9	1	0	0
763	Newborn affected by other complications of labor and delivery	1	1	0	0	0
765	Disorders relating to short gestation and unspecified low birthweight	38	38	0	0	0
767	Birth trauma	9	1	3	2	3
768	Intrauterine hypoxia and birth asphyxia	14	7	6	0	1
768.2-768.4	Fetal distress in liveborn infant	3	3	0	0	0
768.5-768.9	Birth asphyxia	11	4	6	0	1
769	Respiratory distress syndrome	61	21	28	3	9
770	Other respirator conditions of newborn	28	18	6	1	3
771	Infections specific to the perinatal period	7	1	3	2	1
772	Neonatal hemorrhage	4	0	1	3	0
775.0-775.1	Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus	1	0	1	0	0
775.2-775.9, 776.1-779	All other and ill-defined conditions originating in the perinatal period	17	9	2	3	3
780-799	Symptoms, signs, and ill-defined conditions	61	2	0	7	52
798.0	Sudden infant death syndrome	56	0	0	7	49
780-797, 798.1-799	Symptoms, signs, and all other ill-defined conditions	5	2	0	0	3
E800-E949	Accidents, all forms	7	0	0	1	6
E911-E912	Inhalation and ingestion of food or other objects causing obstruction of respiratory tract or suffocation	1	0	0	0	1
E913	Accidental mechanical suffocation	1	0	0	0	1
E800-E910, E914-E949	Other accidental causes and adverse effects	5	0	0	1	4
	All other causes (residual)	28	3	3	6	16

WEST VIRGINIA RESIDENT DEATHS 1979

Fetal Deaths, Live Births by Prenatal Care

Table 34

BIRTHS	TIME PRENATAL CARE BEGAN					
	First Trimester	Second Trimester	Third Trimester	No Care	Unknown Care	TOTAL
Fetal Deaths	155	66	11	22	78	332
Percentage of Total Fetal Deaths	(46.7)	(19.9)	(3.3)	(6.6)	(23.5)	(100.0%)
Live Births	19,375	7,805	1,567	263	716	29,726
Percentage of Total Live Births	(65.2)	(26.3)	(5.3)	(0.9)	(2.4)	(100.0%)

WEST VIRGINIA FETAL DEATHS 1979
Number by County of Residence and Occurrence
Ratio by County of Residence
Table 35

COUNTY	RESIDENCE		OCCURRENCE	COUNTY	RESIDENCE		OCCURRENCE
	Number	Ratio*			Number	Ratio*	
Barbour	5	19.2	2	Monongalia	11	11.5	17
Berkeley	8	11.3	7	Monroe	3	16.1	1
Boone	4	7.8	1	Morgan	1	7.7	1
Braxton	3	15.0	0	Nicholas	5	10.3	5
Brooke	3	7.4	5	Ohio	19	24.2	26
Cabell	12	7.6	28	Pendleton	2	16.1	0
Calhoun	2	15.6	1	Pleasants	4	32.3	0
Clay	1	5.3	0	Pocahontas	2	13.1	0
Doddridge	0	-	0	Preston	3	5.8	0
Fayette	16	17.8	5	Putnam	5	8.3	0
Gilmer	4	30.3	0	Raleigh	16	11.4	29
Grant	0	-	0	Randolph	8	20.0	12
Greenbrier	3	5.5	4	Ritchie	3	16.9	0
Hampshire	0	-	1	Roane	3	11.0	2
Hancock	9	16.7	0	Summers	4	16.5	5
Hardy	0	-	0	Taylor	4	15.7	1
Harrison	8	6.9	7	Tucker	3	23.8	1
Jackson	4	10.3	0	Tyler	3	20.1	3
Jefferson	3	6.4	3	Upshur	8	21.3	4
Kanawha	30	8.6	47	Wayne	7	10.7	0
Lewis	2	7.8	1	Webster	5	24.6	4
Lincoln	5	12.3	2	Wetzel	5	15.9	4
Logan	6	6.4	8	Wirt	1	15.9	0
McDowell	7	7.2	1	Wood	15	10.5	24
Marion	13	14.1	11	Wyoming	3	5.2	0
Marshall	5	8.1	4				
Mason	5	10.8	5				
Mercer	8	7.2	15	STATE TOTAL	332	11.2	299
Mineral	10	24.0	0				
Mingo	13	17.2	2	Out-of-State			62

*Fetal Death Ratio = $\frac{\text{Fetal Deaths}}{\text{Live Births}}$ x 1,000 in each respective county.

WEST VIRGINIA FETAL DEATHS 1975-1979
Number and Ratio by County of Residence
Table 36

County of Residence	1975		1976		1977		1978		1979	
	No.	Ratio*	No.	Ratio*	No.	Ratio*	No.	Ratio*	No.	Ratio*
Barbour	2	9.0	2	7.9	4	17.7	4	18.2	5	19.2
Berkeley	8	13.3	8	12.3	7	9.9	8	11.6	8	11.3
Boone	15	28.5	7	12.2	6	10.5	7	14.6	4	7.8
Braxton	2	11.9	5	26.3	4	20.0	1	5.6	3	15.0
Brooke	2	4.7	3	7.3	4	10.7	8	22.2	3	7.4
Cabell	21	13.9	17	11.2	13	8.2	11	7.2	12	7.6
Calhoun	4	31.3	1	7.1	2	14.7	2	13.5	2	15.6
Clay	3	17.9	1	4.9	1	5.3	2	10.7	1	5.3
Doddridge	1	9.9	1	9.8	0	0	0	0	0	0
Fayette	12	13.5	11	11.6	13	13.8	16	16.5	16	17.8
Gilmer	2	16.1	2	16.9	1	7.9	0	0	4	30.3
Grant	0	0	1	8.3	0	0	2	15.7	0	0
Greenbrier	2	4.1	8	15.3	5	9.2	2	4.1	3	5.5
Hampshire	2	10.7	0	0	1	4.8	0	0	0	0
Hancock	7	11.6	4	6.7	5	8.9	6	13.7	9	16.7
Hardy	1	7.6	0	0	0	0	0	0	0	0
Harrison	16	14.5	9	8.4	17	16.7	20	18.4	8	6.9
Jackson	2	6.3	5	17.1	4	10.9	3	9.2	4	10.3
Jefferson	2	6.9	5	15.1	5	20.0	7	15.7	3	6.4
Kanawha	25	7.3	44	12.7	38	10.4	35	9.8	30	8.6
Lewis	3	11.9	5	17.9	3	10.3	3	11.1	2	7.8
Lincoln	2	5.2	5	13.2	3	7.2	4	10.0	5	12.3
Logan	12	11.5	14	14.1	10	9.3	9	9.9	6	6.4
McDowell	21	20.7	11	10.2	10	8.7	14	14.2	7	7.2
Marion	7	20.7	11	12.1	18	19.8	7	7.7	13	14.1
Marshall	5	8.1	7	12.0	7	12.0	7	12.2	5	8.1
Mason	6	13.8	2	5.0	3	7.9	5	13.0	5	10.8
Mercer	10	10.0	8	7.9	18	15.1	15	14.1	8	7.2

*Fetal Death Ratio = $\frac{\text{Fetal Deaths}}{\text{Live Births}}$ x 1,000 in each respective county.

WEST VIRGINIA FETAL DEATHS 1975-1979

Number and Ratio by County of Residence

Table 36 (cont'd)

County of Residence	1975		1976		1977		1978		1979	
	No.	Ratio*	No.	Ratio*	No.	Ratio*	No.	Ratio*	No.	Ratio*
Mineral	5	13.2	5	12.8	7	18.4	8	20.9	10	24.0
Mingo	14	19.4	15	18.0	13	16.3	9	11.2	13	17.2
Monongalia	8	9.0	12	13.1	10	10.3	9	9.3	11	11.5
Monroe	3	21.3	3	17.6	1	5.3	1	6.0	3	16.1
Morgan	1	7.8	2	18.5	1	7.9	2	14.1	1	7.7
Nicholas	7	14.7	9	20.9	4	8.0	4	8.0	5	10.3
Ohio	10	13.1	12	15.7	11	13.6	6	8.5	19	24.2
Pendleton	1	9.3	1	9.2	0	0	0	0	2	16.1
Pleasants	0	0	1	9.3	0	0	1	10.1	4	32.3
Pocahontas	1	8.7	1	7.9	2	12.3	3	22.7	2	13.1
Preston	3	7.0	4	9.7	4	8.4	6	11.7	3	5.8
Putnam	12	26.2	3	6.3	3	5.6	4	7.5	5	8.3
Raleigh	13	10.0	17	12.4	14	9.6	14	10.0	16	11.4
Randolph	4	10.7	3	7.8	4	9.3	6	13.3	8	20.0
Ritchie	3	25.6	6	38.2	1	5.8	1	6.0	3	16.9
Roane	2	8.9	3	13.5	1	3.9	2	7.4	3	11.0
Summers	4	16.4	5	21.8	3	10.9	2	8.3	4	16.5
Taylor	2	8.9	0	0	2	8.6	1	4.5	4	15.7
Tucker	0	0	1	8.3	0	0	0	0	3	23.8
Tyler	1	7.1	4	24.4	3	19.7	2	13.2	3	20.1
Upshur	3	10.9	0	0	5	13.8	7	19.3	8	21.3
Wayne	6	9.4	3	5.1	7	10.3	5	7.5	7	10.7
Webster	1	6.1	3	17.6	2	9.7	2	10.2	5	24.6
Wetzel	3	8.3	4	14.0	2	6.1	3	9.6	5	15.9
Wirt	0	0	1	16.1	2	30.8	0	0	1	15.9
Wood	12	9.3	11	8.5	13	9.6	16	11.7	15	10.5
Wyoming	9	14.9	5	7.4	9	12.6	7	11.2	3	5.2
STATE TOTAL	323	11.6	331	11.6	326	10.9	319	11.0	332	11.2

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes by Race and Sex
Table 37

SELECTED CAUSES OF DEATH	TOTAL	WHITE		NON-WHITE	
		Male	Female	Male	Female
TOTAL DEATHS, ALL CAUSES	18,871	10,097	7,848	490	436
Deaths under 1 year	408	225	155	8	20
Deaths under 28 days	269	141	108	6	14
Intestinal infectious diseases	3	1	2	0	0
Tuberculosis	30	24	4	2	0
Septicemia	74	29	36	4	5
Malignant neoplasms	3,572	1,930	1,486	81	75
--of digestive organs and peritoneum	888	463	386	14	25
--of respiratory system and intrathoracic organs	1,021	752	234	26	9
--of genitourinary organs	568	281	248	24	15
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	59	25	32	2	0
Diabetes mellitus	339	106	197	14	22
Nutritional deficiencies	27	15	12	0	0
Anemias	22	9	10	3	0
Major cardiovascular diseases	10,047	5,135	4,450	224	238
Diseases of the heart	8,010	4,269	3,385	179	177
Hypertension	63	31	27	0	5
Cerebrovascular diseases	1,546	633	825	42	46
Arteriosclerosis	259	113	138	2	6
Other diseases of arteries, arterioles, and capillaries	169	89	75	1	4
Pneumonia and influenza	373	203	153	10	7
Pneumonia	368	202	149	10	7
Influenza	5	1	4	0	0
Chronic obstructive pulmonary disease and allied conditions	631	421	184	22	4
Bronchitis, emphysema, and asthma	223	133	80	8	2
Pneumonoconiosis and other lung diseases due to external agent	106	92	8	6	0
Coalworker's pneumoconiosis	76	70	1	5	0
Ulcer of stomach and duodenum	51	31	19	0	1
Hernia and intestinal obstruction	55	21	30	1	3
Chronic liver disease and cirrhosis	214	138	58	9	9
Cholelithiasis and other disorders of the gallbladder	30	11	19	0	0
Nephritis, nephrotic syndrome, and nephrosis	140	76	57	6	1
Infections of kidney	20	7	12	0	1
Congenital anomalies	90	42	43	4	1
Certain conditions originating in the perinatal period	217	120	81	3	13
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	85	51	30	1	3
Disorders relating to short gestation and unspecified low birth weight	38	18	16	0	4
Symptoms, signs, and ill-defined conditions	181	94	73	9	5
Accidents, all forms	1,072	732	290	33	17
Motor vehicle accidents	541	380	141	13	7
Home accidents	210	105	83	16	6
Work accidents	106	102	1	3	0
Suicide	240	183	55	1	1
Homicide	141	86	36	14	5
All other causes (residual)	1,137	566	501	42	28

WEST VIRGINIA RESIDENT DEATHS 1979

Cause of Death, Number and Rate

Table 38

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
001-999	TOTAL DEATHS, ALL CAUSES	18,871	10.1
001-139	Infectious and parasitic diseases	145	7.8
001-009	Intestinal infectious diseases	3	0.2
008	Intestinal infections due to other organisms	2	0.1
009	Ill-defined intestinal infections	1	0.1
010-018	Tuberculosis	30	1.6
010	Primary tuberculous infection	1	0.1
011	Pulmonary tuberculosis	28	1.5
012	Other respiratory tuberculosis	1	0.1
020-027	Zoonotic bacterial diseases	3	0.2
027	Other zoonotic bacterial diseases	3	0.2
030-041	Other bacterial diseases	82	4.4
031	Diseases due to other mycobacteria	2	0.1
036	Meningococcal infection	2	0.1
038	Septicemia	74	4.0
040	Other bacterial diseases	1	0.1
041	Bacterial infection in conditions classified elsewhere and of unspecified site	3	0.2
045-049	Poliomyelitis and other non-arthropod-borne viral diseases of central nervous system	5	0.3
046	Slow virus infection of central nervous system	2	0.1
047	Meningitis due to enterovirus	1	0.1
049	Other non-arthropod-borne viral diseases of central nervous system	2	0.1
050-057	Viral diseases accompanied by exanthem	1	0.1
054	Herpes simplex	1	0.1
070-079	Other diseases due to viruses and chlamydiae	8	0.4
070	Viral hepatitis	6	0.3
078	Other diseases due to viruses and chlamydiae	1	0.1
079	Viral infection in conditions classified elsewhere and of unspecified site	1	0.1
090-099	Syphilis and other venereal diseases	2	0.1
093	Cardiovascular syphilis	1	0.1
094	Neurosyphilis	1	0.1
110-118	Mycoses	4	0.2
112	Candidiasis	1	0.1
115	Histoplasmosis	2	0.1
117	Other mycoses	1	0.1
130-136	Other infectious and parasitic diseases	6	0.3
135	Sarcoidosis	2	0.1
136	Other and unspecified infectious and parasitic diseases	4	0.2
137-139	Late effects of infectious and parasitic diseases	1	0.1
138	Late effects of acute poliomyelitis	1	0.1

WEST VIRGINIA RESIDENT DEATHS 1979
Cause of Death, Number and Rate
Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
140-239	Neoplasms	3,631	195.2
140-208	Malignant neoplasms	3,572	192.0
140-149	Malignant neoplasm of lip, oral cavity and pharynx	54	2.9
140	Malignant neoplasm of lip	2	0.1
141	Malignant neoplasm of tongue	11	0.6
142	Malignant neoplasm of major salivary glands	5	0.3
144	Malignant neoplasm of floor of mouth	2	0.1
145	Malignant neoplasm of other and unspecified parts of mouth	4	0.2
146	Malignant neoplasm of oropharynx	4	0.2
147	Malignant neoplasm of nasopharynx	9	0.5
148	Malignant neoplasm of hypopharynx	6	0.3
149	Malignant neoplasm of other and ill-defined sites within the lip, oral cavity and pharynx	11	0.6
150-159	Malignant neoplasm of digestive organs and peritoneum	888	47.7
150	Malignant neoplasm of esophagus	72	3.9
151	Malignant neoplasm of stomach	105	5.6
152	Malignant neoplasm of small intestine, including duodenum	3	0.2
153	Malignant neoplasm of colon	350	18.8
154	Malignant neoplasm of rectum, rectosigmoid junction and anus	77	4.1
155	Malignant neoplasm of liver and intrahepatic bile ducts	67	3.6
156	Malignant neoplasm of gallbladder and extrahepatic bile ducts	46	2.5
157	Malignant neoplasm of pancreas	145	7.8
158	Malignant neoplasm of retroperitoneum and peritoneum	3	0.2
159	Malignant neoplasm of other and ill-defined sites within the digestive organs and peritoneum	20	1.1
160-165	Malignant neoplasm of respiratory and intrathoracic organs	1,021	54.9
160	Malignant neoplasm of nasal cavities, middle ear and accessory sinuses	5	0.3
161	Malignant neoplasm of larynx	25	1.3
162	Malignant neoplasm of trachea, bronchus and lung	982	52.8
163	Malignant neoplasm of pleura	5	0.3
164	Malignant neoplasm of thymus, heart and mediastinum	2	0.1
165	Malignant neoplasm of other and ill-defined sites within the respiratory system and intrathoracic organs	2	0.1
170-175	Malignant neoplasm of bone, connective tissue, skin and breast	369	19.8
170	Malignant neoplasm of bone and articular cartilage	6	0.3
171	Malignant neoplasm of connective and other soft tissue	19	1.0
172	Malignant melanoma of skin	35	1.9
173	Other malignant neoplasm of skin	21	1.1
174	Malignant neoplasm of female breast	288	15.5
179-189	Malignant neoplasm of genitourinary organs	568	30.5

WEST VIRGINIA RESIDENT DEATHS 1979
Cause of Death, Number and Rate
Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
179	Malignant neoplasm of uterus, part unspecified	25	1.3
180	Malignant neoplasm of cervix uteri	53	2.8
182	Malignant neoplasm of body of uterus	33	1.8
183	Malignant neoplasm of ovary and other uterine adnexa	91	4.9
184	Malignant neoplasm of other and unspecified female genital organs	16	0.9
185	Malignant neoplasm of prostate	194	10.4
186	Malignant neoplasm of testis	5	0.3
187	Malignant neoplasm of penis and other male genital organs	2	0.1
188	Malignant neoplasm of bladder	76	4.1
189	Malignant neoplasm of kidney and other unspecified urinary organs	73	3.9
190-199	Malignant neoplasm of other and unspecified sites	391	21.0
190	Malignant neoplasm of eye	2	0.1
191	Malignant neoplasm of brain	51	2.7
192	Malignant neoplasm of other and unspecified parts of nervous system	3	0.2
193	Malignant neoplasm of thyroid gland	6	0.3
194	Malignant neoplasm of other endocrine glands and related structures	8	0.4
195	Malignant neoplasm of other and ill-defined sites	10	0.5
199	Malignant neoplasm without specification of site	311	16.7
200-208	Malignant neoplasm of lymphatic and hematopoietic tissue	281	15.1
200	Lymphosarcoma and reticulosarcoma	44	2.4
201	Hodgkin's disease	16	0.9
202	Other malignant neoplasm of lympoid and histiocytic tissue	49	2.6
203	Multiple myeloma and immunoproliferative neoplasms	56	3.0
204	Lymphoid leukemia	40	2.2
205	Myeloid leukemia	56	3.0
206	Monocytic leukemia	4	0.2
208	Leukemia of unspecified cell type	16	0.9
210-229, 235-239	Benign and unspecified neoplasms and neoplasms of uncertain behavior	59	3.2
210-229	Benign neoplasms	6	0.3
211	Benign neoplasm of other parts of digestive system	1	0.1
215	Other benign neoplasm of connective and other soft tissue	1	0.1
218	Uterine leiomyoma	1	0.1
225	Benign neoplasm of brain and other parts of nervous system	2	0.1
228	Hemangioma and lymphangioma, any site	1	0.1
235-238	Neoplasms of uncertain behavior	8	0.4
237	Neoplasm of uncertain behavior of endocrine glands and nervous system	1	0.1
238	Neoplasm of uncertain behavior of other and unspecified sites and tissues	7	0.4
239	Neoplasms of unspecified nature	45	2.4
239	Neoplasm of unspecified nature	45	2.4

WEST VIRGINIA RESIDENT DEATHS 1979

Cause of Death, Number and Rate

Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
240-279	Endocrine, nutritional and metabolic diseases and immunity disorders	458	24.6
240-246	Disorders of thyroid gland	8	0.4
242	Thyrotoxicosis with or without goiter	2	0.1
244	Acquired hypothyroidism	6	0.3
250-259	Diseases of other endocrine glands	352	18.9
250	Diabetes mellitus	339	18.2
251	Other disorders of pancreatic internal secretion	2	0.1
253	Disorders of the pituitary gland and its hypothalamic control	3	0.2
255	Disorders of adrenal glands	8	0.4
260-269	Nutritional deficiencies	27	1.5
261	Nutritional marasmus	4	0.2
262	Other severe protein-calorie malnutrition	1	0.1
263	Other and unspecified protein-calorie malnutrition	19	1.0
265	Thiamine and niacin deficiency states	1	0.1
269	Other nutritional deficiencies	2	0.1
270-279	Other metabolic disorders and immunity disorders	71	3.8
270	Disorders of amino-acid transport and metabolism	2	0.1
272	Disorders of lipoid metabolism	2	0.1
273	Disorders of plasma protein metabolism	6	0.3
275	Disorders of mineral metabolism	1	0.1
276	Disorders of fluid, electrolyte and acid-base balance	29	1.6
277	Other and unspecified disorders of metabolism	11	0.6
278	Obesity and other hyperalimentation	19	1.0
279	Disorders involving the immune mechanism	1	0.1
280-289	Diseases of blood and blood-forming organs	56	3.0
280	Iron deficiency anemias	2	0.1
281	Other deficiency anemias	3	0.2
282	Hereditary hemolytic anemias	3	0.2
283	Acquired hemolytic anemias	1	0.1
284	Aplastic anemia	7	0.4
285	Other and unspecified anemias	6	0.3
286	Coagulation defects	10	0.5
287	Purpura and other hemorrhagic conditions	8	0.4
288	Diseases of white blood cells	5	0.3
289	Other diseases of blood and blood-forming organs	11	0.6
290-319	Mental disorders	118	6.3
290-294	Organic psychotic conditions	14	0.8
290	Senile and presenile organic psychotic conditions	11	0.6
291	Alcoholic psychoses	3	0.2
295-299	Other psychoses	1	0.1

WEST VIRGINIA RESIDENT DEATHS 1979
Cause of Death, Number and Rate
Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
295	Schizophrenic psychoses	1	0.1
300-316	Neurotic disorders, personality disorders and other nonpsychotic mental disorders	99	5.3
303	Alcohol dependence syndrome	34	1.8
304	Drug dependence	4	0.2
305	Nondependent abuse of drugs	23	1.2
307	Special symptoms or syndromes not elsewhere classified	1	0.1
310	Specific nonpsychotic mental disorders following organic brain damage	36	1.9
315	Specific delays in development	1	0.1
317-319	Mental retardation	4	0.2
318	Other specified mental retardation	2	0.1
319	Unspecified mental retardation	2	0.1
320-389	Diseases of the nervous system and sense organs	172	9.2
320-326	Inflammatory diseases of the central nervous system	17	0.9
320	Bacterial meningitis	7	0.4
322	Meningitis of unspecified cause	4	0.2
323	Encephalitis, myelitis and encephalomyelitis	4	0.2
324	Intracranial and intraspinal abscess	2	0.1
330-337	Hereditary and degenerative diseases of the central nervous system	72	3.9
331	Other cerebral degenerations	17	0.9
332	Parkinson's disease	23	1.2
333	Other extrapyramidal disease and abnormal movement disorders	4	0.2
334	Spinocerebellar disease	2	0.1
335	Anterior horn cell disease	25	1.3
336	Other diseases of spinal cord	1	0.1
340-349	Other disorders of the central nervous system	71	3.8
340	Multiple sclerosis	13	0.7
341	Other demyelinating diseases of central nervous system	7	0.4
342	Hemiplegia	2	0.1
343	Infantile cerebral palsy	7	0.4
344	Other paralytic syndromes	4	0.2
345	Epilepsy	20	1.1
348	Other conditions of brain	15	0.8
349	Other and unspecified disorders of the nervous system	3	0.2
350-359	Disorders of the peripheral nervous system	10	0.5
357	Inflammatory and toxic neuropathy	3	0.2
358	Myoneural disorders	1	0.1
359	Muscular dystrophies and other myopathies	6	0.3
360-379	Disorders of the eye and adnexa	1	0.1
362	Other retinal disorders	1	0.1
380-389	Diseases of the ear and mastoid process	1	0.1

WEST VIRGINIA RESIDENT DEATHS 1979
Cause of Death, Number and Rate
Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
382	Suppurative and unspecified otitis media	1	0.1
390-459	Diseases of the circulatory system	10,099	543.0
390-448	Major cardiovascular disease	10,047	540.2
390-398, 402, 404-429	Diseases of the heart	8,010	430.6
393-398	Chronic rheumatic heart disease	72	3.9
394	Diseases of mitral valve	22	1.2
395	Diseases of aortic valve	4	0.2
396	Diseases of mitral and aortic valves	14	0.8
397	Diseases of other endocardial structures	1	0.1
398	Other rheumatic heart disease	31	1.7
401-405	Hypertensive disease	298	16.0
401	Essential hypertension	20	1.1
402	Hypertensive heart disease	207	11.1
403	Hypertensive renal disease	43	2.3
404	Hypertensive heart and renal disease	28	1.5
410-414	Ischaemic heart disease	5,855	314.8
410	Acute myocardial infarction	3,275	176.1
411	Other acute and subacute form of ischemic heart disease	21	1.1
412	Old myocardial infarction	17	0.9
413	Angina pectoris	5	0.3
414	Other forms of chronic ischemic heart disease	2,537	136.4
415-417	Diseases of pulmonary circulation	130	7.0
415	Acute pulmonary heart disease	120	6.5
416	Chronic pulmonary heart disease	10	0.5
420-429	Other forms of heart disease	1,718	92.4
421	Acute and subacute endocarditis	1	0.1
422	Acute myocarditis	3	0.2
423	Other diseases of pericardium	1	0.1
424	Other diseases of endocardium	44	2.4
425	Cardiomyopathy	58	3.1
426	Conduction disorders	11	0.6
427	Cardiac dysrhythmias	359	19.3
428	Heart failure	300	16.1
429	Ill-defined descriptions and complications of heart disease	941	50.6
430-438	Cerebrovascular disease	1,546	83.1
430	Subarachnoid hemorrhage	63	3.4
431	Intracerebral hemorrhage	177	9.5
432	Other and unspecified intracranial hemorrhage	11	0.6

WEST VIRGINIA RESIDENT DEATHS 1979
Cause of Death, Number and Rate
Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
433	Occlusion and stenosis of precerebral arteries	12	0.6
434	Occlusion of cerebral arteries	303	16.3
435	Transcient cerebral ischemia	6	0.3
436	Acute but ill-defined cerebrovascular disease	841	45.2
437	Other and ill-defined cerebrovascular disease	114	6.1
438	Late effects of cerebrovascular disease	19	1.0
440-448	Diseases of arteries, arterioles and capillaries	428	23.0
440	Atherosclerosis	259	13.9
441	Aortic aneurysm	110	5.9
442	Other aneurysm	11	0.6
443	Other peripheral vascular disease	11	0.6
444	Arterial embolism and thrombosis	20	1.1
446	Polyarteritis nodosa and allied conditions	5	0.3
447	Other disorders of arteries and arterioles	12	0.6
451-459	Diseases of veins and lymphatics, and other diseases of circulatory system	52	2.8
451	Phlebitis and thrombophlebitis	22	1.2
453	Other venous embolism and thrombosis	13	0.7
454	Varicose veins of lower extremities	1	0.1
456	Varicose veins of other sites	4	0.2
458	Hypotension	1	0.1
459	Other disorders of circulatory system	11	0.6
460-519	Diseases of the respiratory system	1,251	67.3
460-466	Acute respiratory infections	11	0.6
463	Acute tonsillitis	1	0.1
464	Acute laryngitis and tracheitis	3	0.2
465	Acute upper respiratory infections of multiple or unspecified sites	2	0.1
466	Acute bronchitis and bronchiolitis	5	0.3
470-478	Other diseases of upper respiratory tract	2	0.1
478	Other diseases of upper respiratory tract	2	0.1
480-487	Pneumonia and influenza	373	20.1
480-486	Pneumonia	368	19.8
480	Viral pneumonia	3	0.2
481	Pneumococcal pneumonia	20	1.1
482	Other bacterial pneumonia	16	0.9
483	Pneumonia due to other specified organism	1	0.1
485	Bronchopneumonia, organism unspecified	86	4.6
486	Pneumonia, organism unspecified	242	13.0
487	Influenza	5	0.3
487	Influenza	5	0.3
490-496	Chronic obstructive pulmonary disease and allied conditions	631	33.9

WEST VIRGINIA RESIDENT DEATHS 1979
Cause of Death, Number and Rate
Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
490	Bronchitis, not specified as acute or chronic	5	0.3
491	Chronic bronchitis	38	2.0
492	Emphysema	149	8.0
493	Asthma	31	1.7
494	Bronchiectasis	9	0.5
496	Chronic airways obstruction, not elsewhere classified	399	21.5
500-508	Pneumoconioses and other lung diseases due to external agents	106	5.7
500	Coalworkers' pneumoconiosis	76	4.1
502	Pneumoconiosis due to other silica or silicates	2	0.1
505	Pneumoconiosis, unspecified	11	0.6
507	Pneumonitis due to solids and liquids	17	0.9
510-519	Other diseases of respiratory system	128	6.9
510	Empyema	6	0.3
511	Pleurisy	8	0.4
512	Pneumothorax	2	0.1
513	Abscess of lung and mediastinum	5	0.3
514	Pulmonary congestion and hypostasis	20	1.1
515	Postinflammatory pulmonary fibrosis	27	1.5
516	Other alveolar and parietoalveolar pneumopathy	6	0.3
518	Other diseases of lung	45	2.4
519	Other diseases of respiratory system	9	0.5
520-579	Diseases of the digestive system	660	35.5
520-529	Diseases of oral cavity, salivary glands and jaws	2	0.1
528	Diseases of the oral soft tissues, excluding lesions specific for gingiva and tongue	2	0.1
530-537	Diseases of esophagus, stomach and duodenum	72	3.9
530	Diseases of esophagus	9	0.5
531	Gastric ulcer	10	0.5
532	Duodenal ulcer	16	0.9
533	Peptic ulcer, site unspecified	25	1.3
534	Gastrojejunal ulcer	2	0.1
535	Gastritis and duodenitis	4	0.2
537	Other disorders of stomach and duodenum	6	0.3
540-543	Appendicitis	6	0.3
540	Acute appendicitis	6	0.3
550-553	Hernia of abdominal cavity	11	0.6
550	Inguinal hernia	3	0.2
552	Other hernia of abdominal cavity with obstruction, without mention of gangrene	5	0.3
553	Other hernia of abdominal cavity without mention of obstruction or gangrene	3	0.2
555-558	Noninfective enteritis and colitis	62	3.3
555	Regional enteritis	2	0.1

WEST VIRGINIA RESIDENT DEATHS 1979
Cause of Death, Number and Rate
Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
556	Idiopathic proctocolitis	2	0.1
557	Vascular insufficiency of intestine	51	2.7
558	Other noninfective gastroenteritis and colitis	7	0.4
560-569	Other diseases of intestines and peritoneum	108	5.8
560	Intestinal obstruction without mention of hernia	44	2.4
562	Diverticula of intestine	29	1.6
564	Functional digestive disorders, not elsewhere classified	2	0.1
565	Anal fissure and fistula	1	0.1
567	Peritonitis	15	0.8
569	Other disorders of intestine	17	0.9
570-579	Other diseases of digestive system	399	21.5
570	Acute and subacute necrosis of liver	4	0.2
571	Chronic liver disease and cirrhosis	214	11.5
572	Liver abscess and sequelae of chronic liver disease	43	2.3
573	Other disorders of liver	12	0.6
574	Cholelithiasis	13	0.7
575	Other disorders of gallbladder	17	0.9
576	Other disorders of biliary tract	10	0.5
577	Diseases of pancreas	34	1.8
578	Gastrointestinal hemorrhage	50	2.7
579	Intestinal malabsorption	2	0.1
580-629	Diseases of the genitourinary system	231	12.4
580-589	Nephritis, nephrotic syndrome and nephrosis	140	7.5
581	Nephrotic syndrome	1	0.1
582	Chronic glomerulonephritis	7	0.4
583	Nephritis and nephropathy, not specified as acute or chronic	7	0.4
584	Acute renal failure	12	0.6
585	Chronic renal failure	28	1.5
586	Renal failure, unspecified	83	4.5
587	Renal sclerosis, unspecified	1	0.1
588	Disorders resulting from impaired renal function	1	0.1
590-599	Other diseases of urinary system	80	4.3
590	Infections of kidney	20	1.1
592	Calculus of kidney and ureter	5	0.3
593	Other disorders of kidney and ureter	15	0.8
594	Calculus of lower urinary tract	1	0.1
599	Other disorders of urethra and urinary tract	39	2.1
600-608	Diseases of male genital organs	11	0.6
600	Hyperplasia of prostate	9	0.5
602	Other disorders of prostate	1	0.1

WEST VIRGINIA RESIDENT DEATHS 1979

Cause of Death, Number and Rate

Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
608	Other disorders of male genital organs	1	0.1
630-676	*Complications of pregnancy, childbirth and the puerperium	7	23.5
640-648	Complications mainly related to pregnancy	3	0.2
642	Hypertension complicating pregnancy, childbirth and the puerperium	2	0.1
646	Other complications of pregnancy, not elsewhere classified	1	0.1
660-669	Complications occurring mainly in the course of labor and delivery	3	0.2
666	Postpartum hemorrhage	2	0.1
668	Complications of the administration of anesthetic or other sedation in labor and delivery	1	0.1
670-676	Complications of the puerperium	1	0.1
673	Obstetrical pulmonary embolism	1	0.1
680-709	Diseases of the skin and subcutaneous tissue	26	1.4
680-686	Infections of skin and subcutaneous tissue	7	0.4
682	Other cellulitis and abscess	6	0.3
686	Other local infections of skin and subcutaneous tissue	1	0.1
700-709	Other diseases of skin and subcutaneous tissue	19	1.0
707	Chronic ulcer of skin	19	1.0
710-739	Diseases of the musculoskeletal system and connective tissue	34	1.8
710-719	Arthropathies and related disorders	23	1.2
710	Diffuse diseases of connective tissue	16	0.9
711	Arthropathy associated with infections	1	0.1
714	Rheumatoid arthritis and other inflammatory polyarthropathies	4	0.2
715	Osteoarthrosis and allied disorders	1	0.1
716	Other and unspecified arthropathies	1	0.1
720-724	Dorsopathies	2	0.1
721	Spondylosis and allied disorders	2	0.1
725-729	Rheumatism, excluding the back	3	0.2
725	Polymyalgia rheumatica	1	0.1
728	Disorders of muscle, ligament and fascia	1	0.1
729	Other disorders of soft tissues	1	0.1
730-739	Osteopathies, chondropathies and acquired musculoskeletal deformities	6	0.3
731	Osteitis deformans and osteopathies associated with other disorders classified elsewhere	1	0.1
733	Other disorders of bone and cartilage	1	0.1
737	Curvature of spine	1	0.1
738	Other acquired deformity	2	0.1
739	Nonallopathic lesions, not elsewhere classified	1	0.1
740-759	Congenital anomalies	90	4.8
740-759	Congenital anomalies	90	4.8
740	Anencephalus and similar anomalies	3	0.2
741	Spina bifida	8	0.4

*Maternal Death Rates are per 100,000 Live Births.

WEST VIRGINIA RESIDENT DEATHS 1979

Cause of Death, Number and Rate

Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
742	Other congenital anomalies of nervous system	7	0.4
745	Bulbus cordis anomalies and anomalies of cardiac septal closure	18	1.0
746	Other congenital anomalies of heart	25	1.3
747	Other congenital anomalies of circulatory system	6	0.3
748	Congenital anomalies of respiratory system	1	0.1
750	Other congenital anomalies of upper alimentary tract	2	0.1
751	Other congenital anomalies of digestive system	4	0.2
753	Congenital anomalies of urinary system	1	0.1
756	Other congenital musculoskeletal anomalies	6	0.3
758	Chromosomal anomalies	1	0.1
759	Other and unspecified congenital anomalies	8	0.4
760-779	Certain conditions originating in the perinatal period	217	11.7
760-779	Certain conditions originating in the perinatal period	217	11.7
760	Fetus or newborn affected by maternal conditions which may be unrelated to present pregnancy	3	0.2
761	Fetus or newborn affected by maternal complications of pregnancy	22	1.2
762	Fetus or newborn affected by complications of placenta, cord and membranes	10	0.5
763	Fetus or newborn affected by other complications of labor and delivery	1	0.1
765	Disorders relating to short gestation and unspecified low birthweight	38	2.0
767	Birth trauma	10	0.5
768	Intrauterine hypoxia and birth asphyxia	14	0.8
769	Respiratory distress syndrome	61	3.3
770	Other respiratory conditions of fetus and newborn	28	1.5
771	Infections specific to the perinatal period	7	0.4
772	Fetal and neonatal hemorrhage	4	0.2
774	Other perinatal jaundice	1	0.1
775	Endocrine and metabolic disturbances specific to the fetus and newborn	1	0.1
776	Hematological disorders of fetus and newborn	3	0.2
777	Perinatal disorders of digestive system	4	0.2
778	Conditions involving the integument and temperature regulation of fetus and newborn	2	0.1
779	Other and ill-defined conditions originating in the perinatal period	8	0.4
780-799	Symptoms, signs and ill-defined conditions	181	9.7
780-789	Symptoms	26	1.4
780	General symptoms	3	0.2
784	Symptoms involving head and neck	1	0.1
785	Symptoms involving cardiovascular system	15	0.8
786	Symptoms involving respiratory system and other chest symptoms	5	0.3
789	Other symptoms involving abdomen and pelvis	2	0.1
797-799	Ill-defined and unknown causes of morbidity and mortality	155	8.3
797	Senility without mention of psychosis	10	0.5

WEST VIRGINIA RESIDENT DEATHS 1979

Cause of Death, Number and Rate

Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
798	Sudden death, cause unknown	60	3.2
799	Other ill-defined and unknown causes of mortality	85	4.6
*E800-E999	External causes of injury and poisoning	1,495	80.4
E800-E949	Accidents, all forms	1,072	57.7
E800-E807	Railway accidents	9	0.5
E805	Hit by rolling stock	8	0.4
E807	Railway accident of unspecified nature	1	0.1
E810-E825	Motor vehicle accidents	541	29.1
E810-E819	Motor vehicle traffic accidents	537	28.9
E810	Motor vehicle traffic accident involving collision with train	5	0.3
E812	Other motor vehicle traffic accident involving collision with another motor vehicle	157	8.4
E813	Motor vehicle traffic accident involving collision with other vehicle	5	0.3
E814	Motor vehicle traffic accident involving collision with pedestrian	84	4.5
E815	Other motor vehicle traffic accident involving collision on the highway	40	2.2
E816	Motor vehicle traffic accident due to loss of control, without collision on the highway	101	5.4
E818	Other noncollision motor vehicle traffic accident	14	0.8
E819	Motor vehicle traffic accident of unspecified nature	131	7.0
E820-E825	Motor vehicle nontraffic accidents	4	0.2
E822	Other motor vehicle nontraffic accident involving collision with moving object	2	0.1
E825	Other motor vehicle nontraffic accident of other and unspecified nature	2	0.1
E826-E829	Other road vehicle accidents	3	0.2
E826	Pedal cycle accident	2	0.1
E828	Accident involving animal being ridden	1	0.1
E830-E838	Water transport accidents	6	0.3
E831	Accident to watercraft causing other injury	2	0.1
E832	Other accidental submersion or drowning in water transport accident	4	0.2
E840-E845	Air and space transport accidents	8	0.4
E841	Accident to powered aircraft, other and unspecified	8	0.4
E846-E848	Vehicle accidents not elsewhere classifiable	2	0.1
E846	Accidents involving powered vehicles used solely within the buildings and premises of an industrial or commercial establishment	2	0.1
E850-E929	Non-transport accidents	503	27.0
E850-E858	Accidental poisoning by drugs, medicaments and biologicals	13	0.7
E850	Accidental poisoning by analgesics, antipyretics, antirheumatics	2	0.1
E853	Accidental poisoning by tranquilizers	1	0.1
E855	Accidental poisoning by other drugs acting on central and autonomic nervous systems	3	0.2
E858	Accidental poisoning by other drugs	7	0.4
E860-E869	Accidental poisoning by other solid and liquid substances, gases and vapors	38	2.0
E860	Accidental poisoning by alcohol, not elsewhere classified	4	0.2
E862	Accidental poisoning by petroleum products, other solvents and their vapors, not elsewhere classified	1	0.1

*Causes 800 through 999 have been coded using E (external) ICDA 9 codes.

WEST VIRGINIA RESIDENT DEATHS 1979

Cause of Death, Number and Rate

Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
E863	Accidental poisoning by agricultural and horticultural chemical and pharmaceutical preparations other than plant foods and fertilizers	1	0.1
E868	Accidental poisoning by other utility gas and other carbon monoxide	30	1.6
E869	Accidental poisoning by other gases and vapors	2	0.1
E870-E876	Misadventures to patients during surgical and medical care	4	0.2
E870	Accidental cut, puncture, perforation or hemorrhage during medical care	2	0.1
E874	Mechanical failure of instrument or apparatus during procedure	1	0.1
E876	Other and unspecified misadventures during medical care	1	0.1
E878-E879	Surgical and medical procedures as the cause of abnormal reaction of patient or later complication, without mention of misadventure at the time of procedure	10	0.5
E878	Surgical operation and other surgical procedures as the cause of abnormal reaction of patient, or of later complication, without mention of misadventure at the time of operation	5	0.3
E879	Other procedures, without mention of misadventure at the time of procedure, as the cause of abnormal reaction of patient or of later complication	5	0.3
E880-E888	Accidental falls	131	7.0
E880	Fall on or from stairs or steps	9	0.5
E881	Fall on or from ladders or scaffolding	5	0.3
E882	Fall from or out of building or other structure	7	0.4
E883	Fall into hole or other opening in surface	2	0.1
E884	Other fall from one level to another	10	0.5
E885	Fall on same level from slipping, tripping or stumbling	1	0.1
E887	Fracture, cause unspecified	13	0.7
E888	Other and unspecified fall	84	4.5
E890-E899	Accidents caused by fire and flames	82	4.4
E890	Conflagration in private dwelling	66	3.5
E891	Conflagration in other and unspecified building or structure	6	0.3
E893	Accident caused by ignition of clothing	7	0.4
E898	Accident caused by other specified fire and flames	3	0.2
E900-E909	Accidents due to natural and environmental factors	17	0.9
E900	Excessive heat	1	0.1
E901	Excessive cold	9	0.5
E904	Hunger, thirst, exposure, neglect	4	0.2
E905	Venomous animals and plants as the cause of poisoning and toxic reactions	1	0.1
E908	Cataclysmic storms, and floods resulting from storms	2	0.1
E910-E915	Accidents caused by submersion, suffocation and foreign bodies	95	5.1
E910	Accidental drowning and submersion	61	3.3
E911	Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation	25	1.3
E912	Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation	6	0.3

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Cause of Death, Number and Rate

Table 38 (cont'd)

I.C.D.A. CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
E913	Accidental mechanical suffocation	3	0.2
E916-E928	Other accidents	106	5.7
E916	Struck accidentally by falling object	37	2.0
E917	Striking against or struck accidentally by objects or persons	1	0.1
E918	Caught accidentally in or between objects	2	0.1
E919	Accidents caused by machinery	25	1.3
E920	Accidents caused by cutting and piercing instruments or objects	1	0.1
E921	Accident caused by explosion of pressure vessel	1	0.1
E922	Accident caused by firearm missile	19	1.0
E923	Accident caused by explosive material	3	0.2
E924	Accident caused by hot substance or object, caustic or corrosive material and steam	1	0.1
E925	Accident caused by electric current	7	0.4
E928	Other and unspecified environmental and accidental causes	9	0.5
E929	Late effects of accidental injury	7	0.4
E929	Late effects of accidental injury	7	0.4
E930-E949	Drugs, medicaments and biological substances causing adverse effects in therapeutic use	1	0.1
E947	Other and unspecified drugs and medicaments	1	0.1
E950-E959	Suicide and self-inflicted injury	240	12.9
E950	Suicide and self-inflicted poisoning by solid or liquid substances	22	1.2
E952	Suicide and self-inflicted poisoning by other gases and vapors	4	0.2
E953	Suicide and self-inflicted injury by hanging, strangulation and suffocation	20	1.1
E954	Suicide and self-inflicted injury by submersion (drowning)	3	0.2
E955	Suicide and self-inflicted injury by firearms and explosives	182	9.8
E956	Suicide and self-inflicted injury by cutting and piercing instruments	7	0.4
E957	Suicide and self-inflicted injuries by jumping from high place	1	0.1
E958	Suicide and self-inflicted injury by other and unspecified means	1	0.1
E960-E969	Homicide and injury purposely inflicted by other persons	141	7.6
E963	Assault by hanging and strangulation	7	0.4
E964	Assault by submersion (drowning)	1	0.1
E965	Assault by firearms and explosives	91	4.9
E966	Assault by cutting and piercing instrument	21	1.1
E967	Child battering and other maltreatment	1	0.1
E968	Assault by other and unspecified means	20	1.1
E970-E978	Legal intervention	2	0.1
E970	Injury due to legal intervention by firearms	2	0.1
E980-E989	Injury undetermined whether accidentally or purposely inflicted	38	2.0
E930	Poisoning by solid or liquid substances, undetermined whether accidentally or purposely inflicted	12	0.6
E982	Poisoning by other gases, undetermined whether accidentally or purposely inflicted	1	0.1
E984	Submersion (drowning), undetermined whether accidentally or purposely inflicted	3	0.2
E985	Injury by firearms and explosives, undetermined whether accidentally or purposely inflicted	8	0.4
E987	Falling from high place, undetermined whether accidentally or purposely inflicted	2	0.1
E988	Injury by other and unspecified means, undetermined whether accidentally or purposely inflicted	11	0.6
E989	Late effects of injury, undetermined whether accidentally or purposely inflicted	1	0.1
E990-E999	Injury resulting from operations of war	1	0.1
E999	Late effects of injury due to war operations	1	0.1

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by Region
Table 39

SELECTED CAUSES OF DEATH	REGION OF RESIDENCE							
	Region 1		Region 2		Region 3		Region 4	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	41	9.1	48	10.0	40	8.4	31	13.6
TOTAL DEATHS, ALL CAUSES	2,691	10.2	2,827	10.1	2,849	9.5	1,483	10.8
Deaths under 1 year	75	16.7	55	11.5	60	12.5	30	13.1
Deaths under 28 days	48	10.7	34	7.1	42	8.8	17	7.4
Intestinal infectious diseases	0	0.0	0	0.0	1	0.3	1	0.7
Tuberculosis	5	1.9	7	2.5	6	2.0	0	0.0
Septicemia	17	6.4	13	4.7	7	2.3	3	2.2
Malignant neoplasms	454	171.3	507	181.9	585	194.4	263	191.1
--of digestive organs and peritoneum	119	44.9	103	37.0	151	50.2	62	45.1
--of respiratory system and intrathoracic organs	118	44.5	174	62.4	180	59.8	72	52.3
--of genitourinary organs	62	23.4	74	26.6	87	28.9	46	33.4
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	5	1.9	8	2.9	13	4.3	7	5.1
Diabetes mellitus	57	21.5	52	18.7	50	16.6	20	14.5
Nutritional deficiencies	3	1.1	1	0.4	5	1.7	1	0.7
Anemias	5	1.9	4	1.4	5	1.7	1	0.7
Major cardiovascular diseases	1,339	505.3	1,469	527.1	1,451	482.1	802	582.8
Diseases of the heart	1,104	416.6	1,184	424.8	1,156	384.1	656	476.7
Hypertension	6	2.3	7	2.5	7	2.3	6	4.4
Cerebrovascular diseases	187	70.6	228	81.8	229	76.1	104	75.6
Arteriosclerosis	16	6.0	32	11.5	30	10.0	17	12.4
Other diseases of arteries, arterioles, and capillaries	26	9.8	18	6.5	29	9.6	19	13.8
Pneumonia and influenza	52	19.6	53	19.0	69	22.9	28	20.3
Pneumonia	51	19.2	53	19.0	69	22.9	28	20.3
Influenza	1	0.4	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	117	44.2	111	39.8	86	28.6	63	45.8
Bronchitis, emphysema, and asthma	43	16.2	39	14.0	23	7.6	26	18.9
Pneumoconiosis and other lung diseases due to external agent	45	17.0	14	5.0	16	5.3	7	5.1
Coalworker's pneumoconiosis	40	15.1	10	3.6	14	4.7	3	2.2
Ulcer of stomach and duodenum	2	0.8	11	3.9	7	2.3	9	6.5
Hernia and intestinal obstruction	5	1.9	17	6.1	4	1.3	2	1.5
Chronic liver disease and cirrhosis	41	15.5	38	13.6	34	11.3	14	10.2
Cholelithiasis and other disorders of the gallbladder	3	1.1	3	1.1	4	1.3	3	2.2
Nephritis, nephrotic syndrome, and nephrosis	13	4.9	21	7.5	18	6.0	13	9.4
Infections of kidney	3	1.1	3	1.1	2	0.7	2	1.5
Congenital anomalies	12	4.5	16	5.7	20	6.6	3	2.2
Certain conditions originating in the perinatal period	41	15.5	27	9.7	29	9.6	14	10.2
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	18	6.8	14	5.0	11	3.7	8	5.8
Disorders relating to short gestation and unspecified low birth weight	5	1.9	3	1.1	6	2.0	3	2.2
Symptoms, signs, and ill-defined conditions	23	8.7	45	16.1	27	9.0	17	12.4
Accidents, all forms	184	69.4	169	60.6	168	55.8	87	63.2
Motor vehicle accidents	85	32.1	76	27.3	100	33.2	43	31.3
Home accidents	34	12.8	37	13.3	32	10.6	18	13.1
Work accidents	23	8.7	16	5.7	15	5.0	9	6.5
Suicide	39	14.7	34	12.2	41	13.6	18	13.1
Homicide	32	12.1	32	11.5	24	8.0	10	7.3
All other causes (residual)	194	73.2	172	61.7	177	58.8	95	69.0

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by Region
Table 39 (cont'd)

SELECTED CAUSES OF DEATH	REGION OF RESIDENCE							
	Region 5		Region 6		Region 7		Region 8	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	35	12.8	39	10.0	33	18.9	12	11.8
TOTAL DEATHS, ALL CAUSES	1,753	10.2	2,678	10.3	1,194	10.6	645	9.7
Deaths under 1 year	52	19.0	45	11.5	30	17.1	15	14.7
Deaths under 28 days	34	12.4	31	7.9	20	11.4	9	8.8
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	1	1.5
Tuberculosis	0	0.0	6	2.3	2	1.8	0	0.0
Septicemia	5	2.9	9	3.5	4	3.6	1	1.5
Malignant neoplasms	329	190.7	547	211.1	221	196.8	122	183.5
--of digestive organs and peritoneum	79	45.8	144	55.6	59	52.5	33	49.6
--of respiratory system and intrathoracic organs	106	61.4	133	51.3	53	47.2	25	37.6
--of genitourinary organs	51	29.6	101	39.0	28	24.9	20	30.1
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	3	1.7	10	3.9	2	1.8	1	1.5
Diabetes mellitus	17	9.9	59	22.8	18	16.0	9	13.5
Nutritional deficiencies	6	3.5	6	2.3	1	0.9	0	0.0
Anemias	0	0.0	2	0.8	2	1.8	0	0.0
Major cardiovascular diseases	989	573.3	1,450	559.6	680	605.5	364	547.4
Diseases of the heart	760	440.6	1,150	443.8	507	451.5	307	461.7
Hypertension	9	5.2	14	5.4	8	7.1	2	3.0
Cerebrovascular diseases	173	100.3	215	83.0	125	111.3	42	63.2
Arteriosclerosis	28	16.2	50	19.3	30	26.7	7	10.5
Other diseases of arteries, arterioles, and capillaries	19	11.0	21	8.1	10	8.9	6	9.0
Pneumonia and influenza	35	20.3	51	19.7	20	17.8	13	19.5
Pneumonia	34	19.7	51	19.7	18	16.0	13	19.5
Influenza	1	0.6	0	0.0	2	1.8	0	0.0
Chronic obstructive pulmonary disease and allied conditions	37	21.4	80	30.9	34	30.3	15	22.6
Bronchitis, emphysema, and asthma	14	8.1	28	10.8	11	9.8	3	4.5
Pneumoconiosis and other lung diseases due to external agent	0	0.0	16	6.2	3	2.7	0	0.0
Coalworker's pneumoconiosis	0	0.0	7	2.7	1	0.9	0	0.0
Ulcer of stomach and duodenum	5	2.9	4	1.5	4	3.6	1	1.5
Hernia and intestinal obstruction	5	2.9	2	0.8	5	4.5	4	6.0
Chronic liver disease and cirrhosis	13	7.5	28	10.8	10	8.9	10	15.0
Cholelithiasis and other disorders of the gallbladder	2	1.2	8	3.1	1	0.9	0	0.0
Nephritis, nephrotic syndrome, and nephrosis	19	11.0	19	7.3	11	9.8	4	6.0
Infections of kidney	3	1.7	2	0.8	1	0.9	0	0.0
Congenital anomalies	6	3.5	11	4.2	6	5.3	1	1.5
Certain conditions originating in the perinatal period	30	17.4	26	10.0	20	17.8	6	9.0
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	9	5.2	10	3.9	7	6.2	2	3.0
Disorders relating to short gestation and unspecified low birth weight	7	4.1	2	0.8	4	3.6	2	3.0
Symptoms, signs, and ill-defined conditions	25	14.5	22	8.5	6	5.3	5	7.5
Accidents, all forms	108	62.6	113	43.6	60	54.4	40	60.2
Motor vehicle accidents	55	31.9	58	22.4	38	33.8	23	34.6
Home accidents	17	9.9	24	9.3	8	7.1	7	10.5
Work accidents	8	4.6	12	4.6	2	1.8	6	9.0
Suicide	24	13.9	33	12.7	7	6.2	16	24.1
Homicide	8	4.6	10	3.9	6	5.3	5	7.5
All other causes (residual)	84	48.7	164	63.3	70	62.3	27	40.6

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by Region
Table 39 (cont'd)

SELECTED CAUSES OF DEATH	REGION OF RESIDENCE					
	Region 9		Region 10		Region 11	
	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	12	9.2	29	16.9	12	12.8
TOTAL DEATHS, ALL CAUSES	768	9.9	1,365	11.3	618	9.0
Deaths under 1 year	11	8.4	23	13.4	12	12.8
Deaths under 28 days	7	5.4	20	11.6	7	7.4
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	4	5.8
Septicemia	4	5.2	9	7.5	2	2.9
Malignant neoplasms	155	200.0	273	226.6	116	168.4
--of digestive organs and peritoneum	41	52.9	74	61.4	23	33.4
--of respiratory system and intrathoracic organs	37	47.7	85	70.5	38	55.2
--of genitourinary organs	34	43.9	47	39.0	18	26.1
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	1	1.3	6	5.0	3	4.4
Diabetes mellitus	14	18.1	35	29.0	8	11.6
Nutritional deficiencies	3	3.9	1	0.8	0	0.0
Anemias	0	0.0	3	2.5	0	0.0
Major cardiovascular diseases	407	525.2	749	621.6	347	503.6
Diseases of the heart	301	388.4	594	492.9	291	422.4
Hypertension	1	1.3	2	1.7	1	1.5
Cerebrovascular diseases	69	89.0	125	103.7	49	71.1
Arteriosclerosis	28	36.1	16	13.3	5	7.3
Other diseases of arteries, arterioles, and capillaries	8	10.3	12	10.0	1	1.5
Pneumonia and influenza	12	15.5	25	20.7	15	21.8
Pneumonia	12	15.5	24	19.9	15	21.8
Influenza	0	0.0	1	0.8	0	0.0
Chronic obstructive pulmonary disease and allied conditions	28	36.1	37	30.7	23	33.4
Bronchitis, emphysema, and asthma	9	11.6	14	11.6	13	18.9
Pneumoconiosis and other lung diseases due to external agent	2	2.6	1	0.8	2	2.9
Coalworker's pneumoconiosis	0	0.0	0	0.0	1	1.5
Ulcer of stomach and duodenum	4	5.2	2	1.7	2	2.9
Hernia and intestinal obstruction	4	5.2	5	4.1	2	2.9
Chronic liver disease and cirrhosis	10	12.9	14	11.6	2	2.9
Cholelithiasis and other disorders of the gallbladder	1	1.3	3	2.5	2	2.9
Nephritis, nephrotic syndrome, and nephrosis	4	5.2	13	10.8	5	7.3
Infections of kidney	1	1.3	3	2.5	0	0.0
Congenital anomalies	2	2.6	10	8.3	3	4.4
Certain conditions originating in the perinatal period	4	5.2	14	11.6	6	8.7
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	1	1.3	3	2.5	2	2.9
Disorders relating to short gestation and unspecified low birth weight	0	0.0	5	4.1	1	1.5
Symptoms, signs and ill-defined conditions	1	1.3	3	2.5	7	10.2
Accidents, all forms	55	71.0	58	48.1	30	43.5
Motor vehicle accidents	33	42.6	17	14.1	13	18.9
Home accidents	8	10.3	17	14.1	8	11.6
Work accidents	6	7.7	6	5.0	3	4.4
Suicide	8	10.3	14	11.6	6	8.7
Homicide	5	6.5	8	6.6	1	1.5
All other causes (residual)	43	55.5	79	65.6	32	46.4

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by County
Table 40

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Barbour		Berkeley		Boone		Braxton		Brooke	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	5	19.2	8	11.3	4	7.8	3	15.0	3	7.4
TOTAL DEATHS, ALL CAUSES	174	10.5	405	9.6	274	9.3	131	10.1	280	9.3
Deaths under 1 year	2	7.7	6	8.5	7	13.7	3	15.0	5	12.4
Deaths under 28 days	2	7.7	4	5.6	5	9.8	3	15.0	3	7.4
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	1	3.4	0	0.0	0	0.0
Septicemia	1	6.1	3	7.1	2	6.8	0	0.0	2	6.6
Malignant neoplasms	34	206.1	85	200.9	47	159.9	35	269.2	52	172.8
--of digestive organs and peritoneum	9	54.5	18	42.6	12	40.8	11	84.6	9	29.9
--of respiratory system and intrathoracic organs	6	36.4	22	52.0	16	54.4	9	69.2	17	56.5
--of genitourinary organs	6	36.4	25	59.1	7	23.8	3	23.1	9	29.9
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	0	0.0	1	2.4	0	0.0	0	0.0	0	0.0
Diabetes mellitus	1	6.1	6	14.2	5	17.0	3	23.1	4	13.3
Nutritional deficiencies	0	0.0	2	4.7	1	3.4	0	0.0	0	0.0
Anemias	1	6.1	0	0.0	3	10.2	1	7.7	0	0.0
Major cardiovascular diseases	100	606.1	221	522.5	132	449.0	64	492.3	163	541.5
Diseases of the heart	70	424.2	150	354.6	107	363.9	46	353.8	129	428.6
Hypertension	2	12.1	1	2.4	1	3.4	2	15.4	0	0.0
Cerebrovascular diseases	22	133.3	41	96.9	19	64.6	12	92.3	31	103.0
Arteriosclerosis	4	24.2	24	56.7	2	6.8	1	7.7	2	6.6
Other diseases of arteries, arterioles and capillaries	2	12.1	5	11.8	3	10.2	3	23.1	1	3.3
Pneumonia and influenza	6	36.4	7	16.5	5	17.0	1	7.7	5	16.5
Pneumonia	6	36.4	7	16.5	5	17.0	1	7.7	5	16.6
Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	5	30.3	17	40.2	13	44.2	5	38.5	9	29.9
Bronchitis, emphysema, and asthma	2	12.1	7	16.5	7	23.8	3	23.1	5	16.6
Pneumoconiosis and other lung diseases due to external agent	1	6.1	0	0.0	7	23.8	0	0.0	2	6.6
Coalworker's pneumoconiosis	0	0.0	0	0.0	7	23.8	0	0.0	1	3.3
Ulcer of stomach and duodenum	0	0.0	1	2.4	0	0.0	1	7.7	1	3.3
Hernia and intestinal obstruction	0	0.0	1	2.4	0	0.0	0	0.0	2	6.6
Chronic liver disease and cirrhosis	0	0.0	7	16.5	2	6.8	1	7.7	2	6.6
Cholelithiasis and other disorders of the gallbladder	0	0.0	0	0.0	1	3.4	0	0.0	1	3.3
Nephritis, nephrotic syndrome, and nephrosis	0	0.0	1	2.4	0	0.0	2	15.4	2	6.6
Infections of kidney	0	0.0	1	2.4	0	0.0	0	0.0	0	0.0
Congenital anomalies	0	0.0	2	4.7	2	6.8	1	7.7	2	6.6
Certain conditions originating in the perinatal period	2	12.1	2	4.7	3	10.2	2	15.4	3	10.0
Birth trauma or ashpyxia, intrauterine hypoxia, respiratory distress syndrome	0	0.0	1	2.4	2	6.8	1	7.7	1	3.3
Disorders relating to short gestation and unspecified low birth weight	1	6.1	0	0.0	0	0.0	1	7.7	0	0.0
Symptoms, signs, and ill-defined conditions	0	0.0	0	0.0	2	6.8	0	0.0	2	6.6
Accidents, all forms	12	72.7	22	52.0	23	78.2	4	30.8	14	46.5
Motor vehicle accidents	9	54.5	18	42.6	16	54.4	3	23.1	5	16.6
Home accidents	0	0.0	3	7.1	1	3.4	0	0.0	2	6.6
Work accidents	1	6.1	1	2.4	4	13.6	0	0.0	3	10.0
Suicide	2	12.1	4	9.5	9	30.6	1	7.7	3	10.0
Homicide	0	0.0	0	0.0	2	6.8	1	7.7	0	0.0
All other causes (residual)	9	54.5	22	52.0	14	47.6	9	69.2	11	36.5

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by County
Table 40 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Cabell		Calhoun		Clay		Doddridge		Fayette	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	12	7.6	2	15.6	1	5.3	0	0.0	16	17.8
TOTAL DEATHS, ALL CAUSES	1,211	11.6	75	9.1	107	10.1	69	9.7	646	11.7
Deaths under 1 year	21	13.3	3	23.4	6	31.9	0	0.0	12	13.3
Deaths under 28 days	13	8.3	2	15.6	4	21.3	0	0.0	5	5.6
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	3	2.9	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	5	4.8	0	0.0	0	0.0	1	14.1	0	0.0
Malignant neoplasms	230	219.9	15	182.9	12	113.2	20	281.7	126	227.8
--of digestive organs and peritoneum	41	39.2	2	24.4	6	56.6	10	140.8	27	48.8
--of respiratory system and intrathoracic organs	86	82.2	5	61.0	3	28.3	2	28.2	33	59.7
--of genitourinary organs	34	32.5	5	61.0	1	9.4	2	28.2	24	43.4
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	4	3.8	0	0.0	0	0.0	1	14.1	3	5.4
Diabetes mellitus	25	23.9	3	36.6	0	0.0	2	28.2	10	18.1
Nutritional deficiencies	0	0.0	0	0.0	0	0.0	1	14.1	0	0.0
Anemias	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Major cardiovascular diseases	642	613.8	39	475.6	64	603.8	31	436.6	351	634.7
Diseases of the heart	507	484.7	31	378.0	50	471.7	28	394.4	291	526.2
Hypertension	1	1.0	0	0.0	0	0.0	0	0.0	5	9.0
Cerebrovascular diseases	112	107.1	6	73.2	9	84.9	3	42.3	46	83.2
Arteriosclerosis	10	9.6	0	0.0	2	18.9	0	0.0	3	5.4
Other diseases of arteries, arterioles, and capillaries	12	11.5	2	24.4	3	28.3	0	0.0	6	10.8
Pneumonia and influenza	23	22.0	2	24.4	7	66.0	3	42.3	13	23.5
Pneumonia	23	22.0	2	24.4	7	66.0	3	42.3	13	23.5
Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	44	42.1	2	24.4	6	56.6	4	56.3	23	41.6
Bronchitis, emphysema, and asthma	12	11.5	1	12.2	1	9.4	1	14.1	6	10.8
Pneumoconiosis and other lung diseases due to external agent	3	2.9	0	0.0	0	0.0	0	0.0	3	5.4
Coalworker's pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	2	3.6
Ulcer of stomach and duodenum	5	4.8	1	12.2	0	0.0	0	0.0	5	9.0
Hernia and intestinal obstruction	9	8.6	1	12.2	0	0.0	0	0.0	0	0.0
Chronic liver disease and cirrhosis	17	16.3	0	0.0	0	0.0	0	0.0	5	9.0
Cholelithiasis and other disorders of the gallbladder	1	1.0	1	12.2	0	0.0	0	0.0	0	0.0
Nephritis, nephrotic syndrome, and nephrosis	6	5.7	1	12.2	0	0.0	0	0.0	3	5.4
Infections of kidney	3	2.9	0	0.0	0	0.0	0	0.0	2	3.6
Congenital anomalies	7	6.7	2	24.4	1	9.4	0	0.0	1	1.8
Certain conditions originating in the perinatal period	10	9.6	1	12.2	4	37.7	0	0.0	4	7.2
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	6	5.7	0	0.0	0	0.0	0	0.0	2	3.6
Disorders relating to short gestation and unspecified low birth weight	1	1.0	0	0.0	1	9.4	0	0.0	1	1.8
Symptoms, signs, and ill-defined conditions	23	22.0	0	0.0	0	0.0	0	0.0	6	10.8
Accidents, all forms	53	50.7	3	36.6	8	75.5	2	28.2	38	68.7
Motor vehicle accidents	24	22.9	2	24.4	6	56.6	0	0.0	14	25.3
Home accidents	16	15.3	0	0.0	1	9.4	1	14.1	10	18.1
Work accidents	3	2.9	1	12.2	1	9.4	0	0.0	4	7.2
Suicide	13	12.4	0	0.0	1	9.4	1	14.1	5	9.0
Homicide	7	6.7	0	0.0	1	9.4	1	14.1	6	10.8
All other causes (residual)	78	74.6	4	48.8	3	28.3	2	28.2	42	75.9

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by County
Table 40 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Gilmer		Grant		Greenbrier		Hampshire		Hancock	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	4	30.3	0	0.0	3	5.5	0	0.0	9	16.7
TOTAL DEATHS, ALL CAUSES	75	9.3	87	9.5	351	10.0	133	9.2	338	8.7
Deaths under 1 year	2	15.2	2	13.1	5	9.2	1	4.8	7	13.0
Deaths under 28 days	2	15.2	0	0.0	4	7.4	1	4.8	4	7.4
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	1	6.9	0	0.0
Tuberculosis	1	12.3	0	0.0	0	0.0	0	0.0	4	10.3
Septicemia	0	0.0	0	0.0	1	2.8	0	0.0	0	0.0
Malignant neoplasms	13	160.5	11	119.6	52	148.1	24	166.7	64	164.9
--of digestive organs and peritoneum	4	49.4	5	54.3	13	37.0	7	48.6	14	36.1
--of respiratory system and intrathoracic organs	5	61.7	1	10.9	20	57.0	5	34.7	21	54.1
--of genitourinary organs	1	12.3	2	21.7	7	19.9	4	27.8	9	23.2
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	1	12.3	0	0.0	3	8.5	1	6.9	3	7.7
Diabetes mellitus	0	0.0	1	10.9	2	5.7	2	13.9	4	10.3
Nutritional deficiencies	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Anemias	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Major cardiovascular diseases	42	518.5	55	597.8	191	544.2	70	486.1	184	474.2
Diseases of the heart	38	469.1	49	532.6	158	450.1	60	416.7	162	417.5
Hypertension	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6
Cerebrovascular diseases	3	37.0	6	65.2	19	54.1	8	55.6	18	46.4
Arteriosclerosis	1	12.3	0	0.0	4	11.4	1	6.9	3	7.7
Other diseases of arteries, arterioles, and capillaries	0	0.0	0	0.0	10	28.5	1	6.9	0	0.0
Pneumonia and influenza	2	24.7	4	43.5	9	25.6	2	13.9	10	25.8
Pneumonia	2	24.7	4	43.5	9	25.6	2	13.9	10	25.8
Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	3	37.0	1	10.9	21	59.8	5	34.7	14	36.1
Bronchitis, emphysema, and asthma	0	0.0	0	0.0	10	28.5	2	13.9	8	20.6
Pneumoconiosis and other lung diseases due to external agent	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Coalworker's pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of stomach and duodenum	1	12.3	0	0.0	1	2.8	1	6.9	1	2.6
Hernia and intestinal obstruction	0	0.0	0	0.0	2	5.7	1	6.9	0	0.0
Chronic liver disease and cirrhosis	2	24.7	0	0.0	6	17.1	2	13.9	0	0.0
Cholelithiasis and other disorders of the gallbladder	0	0.0	0	0.0	2	5.7	0	0.0	1	2.6
Nephritis, nephrotic syndrome, and nephrosis	2	24.7	0	0.0	4	11.4	2	13.9	3	7.7
Infections of kidney	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Congenital anomalies	0	0.0	0	0.0	1	2.8	0	0.0	1	2.6
Certain conditions originating in the perinatal period	2	24.7	0	0.0	3	8.5	0	0.0	3	7.7
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	0	0.0	0	0.0	2	5.7	0	0.0	1	2.6
Disorders relating to short gestation and unspecified low birth weight	1	12.3	0	0.0	1	2.8	0	0.0	1	2.6
Symptoms, signs, and ill-defined conditions	0	0.0	2	21.7	5	14.2	0	0.0	5	12.9
Accidents, all forms	2	24.7	4	43.5	16	45.6	13	90.3	16	41.2
Motor vehicle accidents	0	0.0	2	21.7	8	22.8	7	48.6	8	20.6
Home accidents	1	12.3	2	21.7	6	17.1	2	13.9	6	15.5
Work accidents	0	0.0	1	10.9	1	2.8	0	0.0	0	0.0
Suicide	1	12.3	2	21.7	7	19.9	2	13.9	3	7.7
Homicide	1	12.3	1	10.9	1	2.8	0	0.0	1	2.6
All other causes (residual)	2	24.7	6	65.2	24	68.4	7	48.6	21	54.1

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by County
Table 40 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Hardy		Harrison		Jackson		Jefferson		Kanawha	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	0	0.0	8	6.9	4	10.3	3	6.4	30	8.6
TOTAL DEATHS, ALL CAUSES	80	8.3	835	11.0	215	9.0	256	10.0	2,201	9.7
Deaths under 1 year	1	8.5	13	11.3	1	2.6	5	10.7	43	12.3
Deaths under 28 days	0	0.0	11	9.5	0	0.0	3	6.4	31	8.9
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	1	0.4
Tuberculosis	0	0.0	1	1.3	0	0.0	0	0.0	5	2.2
Septicemia	0	0.0	3	4.0	1	4.2	0	0.0	4	1.8
Malignant neoplasms	17	177.1	173	228.2	37	154.8	55	214.0	471	207.2
--of digestive organs and peritoneum	5	52.1	37	48.8	7	29.3	18	70.0	116	51.0
--or respiratory system and intrathoracic organs	5	52.1	49	64.6	14	58.6	11	42.8	149	65.6
--or genitourinary organs	2	20.8	29	38.3	7	29.3	7	27.2	73	32.1
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	0	0.0	3	4.0	0	0.0	0	0.0	12	5.3
Diabetes mellitus	0	0.0	16	21.1	1	4.2	6	23.3	41	18.0
Nutritional deficiencies	0	0.0	1	1.3	0	0.0	1	3.9	3	1.3
Anemias	0	0.0	1	1.3	0	0.0	0	0.0	2	0.9
Major cardiovascular diseases	39	406.3	476	628.0	116	485.4	125	486.4	1,122	493.6
Diseases of the heart	31	322.9	374	493.4	90	376.6	107	416.3	880	387.2
Hypertension	0	0.0	8	10.6	2	8.4	0	0.0	6	2.6
Cerebrovascular diseases	7	72.9	77	101.6	22	92.1	13	50.6	192	84.5
Arteriosclerosis	1	10.4	12	15.8	2	8.4	3	11.7	22	9.7
Other diseases of arteries, arterioles, and capillaries	0	0.0	5	6.6	0	0.0	2	7.8	22	9.7
Pneumonia and influenza	1	10.4	15	19.8	1	4.2	4	15.6	55	24.2
Pneumonia	1	10.4	15	19.8	1	4.2	4	15.6	55	24.2
Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	3	31.3	19	25.1	3	12.6	8	31.1	59	26.0
Bronchitis, emphysema, and asthma	0	0.0	8	10.6	3	12.6	2	7.8	14	6.2
Pneumoconiosis and other lung diseases due to external agent	0	0.0	4	5.3	0	0.0	1	3.9	9	4.0
Coalworker's pneumoconiosis	0	0.0	2	2.6	0	0.0	0	0.0	7	3.1
Ulcer of stomach and duodenum	0	0.0	2	2.6	0	0.0	1	3.9	6	2.6
Hernia and intestinal obstruction	2	20.8	0	0.0	0	0.0	3	11.7	4	1.8
Chronic liver disease and cirrhosis	1	10.4	10	13.2	2	8.4	3	11.7	31	13.6
Cholelithiasis and other disorders of the gallbladder	0	0.0	3	4.0	0	0.0	1	3.9	3	1.3
Nephritis, nephrotic syndrome, and nephrosis	1	10.4	6	7.9	0	0.0	1	3.9	15	6.6
Infections of kidney	0	0.0	0	0.0	1	4.2	0	0.0	2	0.9
Congenital anomalies	0	0.0	2	2.6	1	4.2	0	0.0	13	5.7
Certain conditions originating in the perinatal period	0	0.0	10	13.2	0	0.0	2	7.8	20	8.8
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	0	0.0	5	6.6	0	0.0	0	0.0	7	3.1
Disorders relating to short gestation and unspecified low birth weight	0	0.0	0	0.0	0	0.0	0	0.0	5	2.2
Symptoms, signs, and ill-defined conditions	0	0.0	3	4.0	3	12.6	1	3.9	22	9.7
Accidents, all forms	7	72.9	38	50.1	25	104.6	20	77.8	118	51.9
Motor vehicle accidents	6	62.5	19	25.1	17	71.1	11	42.8	64	28.2
Home accidents	0	0.0	12	15.8	1	4.2	4	15.6	29	12.8
Work accidents	2	20.8	2	2.6	1	4.2	2	7.8	9	4.0
Suicide	1	10.4	5	6.6	6	25.1	4	15.6	25	11.0
Homicide	2	20.8	4	5.3	2	8.4	3	11.7	19	8.4
All other causes (residual)	6	62.5	40	52.8	16	66.9	17	66.1	139	61.2

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by County
Table 40 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Lewis		Lincoln		Logan		McDowell		Marion	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	2	7.8	5	12.3	6	6.4	7	7.2	13	14.1
TOTAL DEATHS, ALL CAUSES	226	12.6	201	9.2	468	9.6	471	9.1	748	11.6
Deaths under 1 year	5	19.5	3	7.4	9	9.6	21	21.5	13	14.1
Deaths under 28 days	1	3.9	1	2.5	7	7.5	16	16.3	7	7.6
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	1	1.9	1	1.5
Septicemia	1	5.6	2	9.2	1	2.0	3	5.8	1	1.5
Malignant neoplasms	49	273.7	35	160.6	85	173.8	82	158.6	134	207.1
--of digestive organs and peritoneum	11	61.5	15	68.8	15	30.7	21	40.6	45	69.6
--of respiratory system and intrathoracic organs	14	78.2	9	41.3	24	49.1	21	40.6	29	44.8
--of genitourinary organs	5	27.9	4	18.3	13	26.6	11	21.3	23	35.5
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	0	0.0	0	0.0	3	6.1	2	3.9	2	3.1
Diabetes mellitus	2	11.2	6	27.5	10	20.4	12	23.2	16	24.7
Nutritional deficiencies	0	0.0	0	0.0	0	0.0	1	1.9	3	4.6
Anemias	0	0.0	0	0.0	3	6.1	1	1.9	0	0.0
Major cardiovascular diseases	140	782.1	110	504.6	211	431.5	215	415.9	414	639.9
Diseases of the heart	98	547.5	92	422.0	175	357.9	180	348.2	329	508.5
Hypertension	0	0.0	0	0.0	3	6.1	0	0.0	2	3.1
Cerebrovascular diseases	34	189.9	13	59.6	27	55.2	28	54.2	65	100.5
Arteriosclerosis	5	27.9	5	22.9	4	8.2	2	3.9	13	20.1
Other diseases of arteries, arterioles, and capillaries	3	16.8	0	0.0	2	4.1	5	9.7	5	7.7
Pneumonia and influenza	3	16.8	4	18.3	6	12.3	9	17.4	18	27.8
Pneumonia	2	11.2	4	18.3	6	12.3	8	15.5	18	27.8
Influenza	1	5.6	0	0.0	0	0.0	1	1.9	0	0.0
Chronic obstructive pulmonary disease and allied conditions	3	16.8	6	27.5	25	51.1	26	50.3	22	34.0
Bronchitis, emphysema, and asthma	1	5.6	2	9.2	11	22.5	11	21.3	6	9.3
Pneumoconiosis and other lung diseases due to external agent	2	11.2	2	9.2	5	10.2	11	21.3	6	9.3
Coalworker's pneumoconiosis	1	5.6	2	9.2	5	10.2	10	19.3	4	6.2
Ulcer of stomach and duodenum	1	5.6	1	4.6	3	6.1	0	0.0	2	3.1
Hernia and intestinal obstruction	1	5.6	1	4.6	2	4.1	1	1.9	1	1.5
Chronic liver disease and cirrhosis	3	16.8	1	4.6	11	22.5	10	19.3	6	9.3
Cholelithiasis and other disorders of the gallbladder	0	0.0	0	0.0	1	2.0	0	0.0	2	3.1
Nephritis, nephrotic syndrome, and nephrosis	2	11.2	1	4.6	7	14.3	3	5.8	4	6.2
Infections of kidney	0	0.0	0	0.0	0	0.0	1	1.9	1	1.5
Congenital anomalies	1	5.6	1	4.6	2	4.1	2	3.9	6	9.3
Certain conditions originating in the perinatal period	1	5.6	1	4.6	5	10.2	12	23.2	6	9.3
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	0	0.0	1	4.6	1	2.0	4	7.7	2	3.1
Disorders relating to short gestation and unspecified low birth weight	1	5.6	0	0.0	1	2.0	2	3.9	2	3.1
Symptoms, signs, and ill-defined conditions	4	22.3	3	13.8	9	18.4	8	15.5	8	12.4
Accidents, all forms	4	22.3	11	50.5	35	71.6	36	69.6	27	41.7
Motor vehicle accidents	2	11.2	3	13.8	13	26.6	16	30.9	15	23.2
Home accidents	1	5.6	3	13.8	8	16.4	7	13.5	3	4.6
Work accidents	0	0.0	0	0.0	3	6.1	6	11.6	3	4.6
Suicide	0	0.0	2	9.2	7	14.3	3	5.8	13	20.1
Homicide	0	0.0	2	9.2	6	12.3	11	21.3	1	1.5
All other causes (residual)	9	50.3	12	55.0	31	63.4	21	40.6	54	83.5

WEST VIRGINIA RESIDENT DEATHS 1979

Selected Causes: Number and Rate by County

Table 40 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Marshall		Mason		Mercer		Mineral		Mingo	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	5	8.1	5	10.8	8	7.2	10	24.0	13	17.2
TOTAL DEATHS, ALL CAUSES	357	8.9	252	9.8	734	10.7	244	9.5	368	10.1
Deaths under 1 year	6	9.7	5	10.8	22	19.9	5	12.0	13	17.2
Deaths under 28 days	6	9.7	2	4.3	12	10.9	4	9.6	8	10.6
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	2	2.9	0	0.0	2	5.5
Septicemia	6	15.0	2	7.8	5	7.3	1	3.9	3	8.2
Malignant neoplasms	77	192.0	39	151.8	114	165.7	51	198.4	53	144.8
--of digestive organs and peritoneum	20	49.9	8	31.1	32	46.5	12	46.7	13	35.5
--of respiratory system and intrathoracic organs	29	72.3	13	50.6	29	42.2	13	50.6	19	51.9
--of genitourinary organs	14	34.9	8	31.1	14	20.3	8	31.1	8	21.9
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	1	2.5	0	0.0	2	2.9	0	0.0	1	2.7
Diabetes mellitus	14	34.9	2	7.8	10	14.5	5	19.5	6	16.4
Nutritional deficiencies	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0
Anemias	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0
Major cardiovascular diseases	183	456.4	145	564.2	389	565.4	138	537.0	188	513.7
Diseases of the heart	150	374.1	113	439.7	304	441.9	117	455.3	159	434.4
Hypertension	0	0.0	0	0.0	3	4.4	2	7.8	2	5.5
Cerebrovascular diseases	23	57.4	28	108.9	67	97.4	12	46.7	22	60.1
Arteriosclerosis	7	17.5	3	11.7	5	7.3	4	15.6	3	8.2
Other diseases of arteries, arterioles, and capillaries	3	7.5	1	3.9	10	14.5	3	11.7	2	5.5
Pneumonia and influenza	1	2.5	4	15.6	17	24.7	3	11.7	5	13.7
Pneumonia	1	2.5	4	15.6	17	24.7	3	11.7	5	13.7
Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	12	29.9	6	23.3	33	48.0	6	23.3	21	57.4
Bronchitis, emphysema, and asthma	3	7.5	4	15.6	11	16.0	1	3.9	9	24.6
Pneumoconiosis and other lung diseases due to external agent	1	2.5	0	0.0	5	7.3	0	0.0	4	10.9
Coalworker's pneumoconiosis	0	0.0	0	0.0	3	4.4	0	0.0	3	8.2
Ulcer of stomach and duodenum	0	0.0	0	0.0	2	2.9	0	0.0	0	0.0
Hernia and intestinal obstruction	2	5.0	3	11.7	1	1.5	1	3.9	1	2.7
Chronic liver disease and cirrhosis	2	5.0	0	0.0	11	16.0	6	23.3	5	13.7
Cholelithiasis and other disorders of the gallbladder	0	0.0	0	0.0	2	2.9	0	0.0	1	2.7
Nephritis, nephrotic syndrome, and nephrosis	2	5.0	3	11.7	4	5.8	1	3.9	3	8.2
Infections of kidney	0	0.0	0	0.0	1	1.5	0	0.0	0	0.0
Congenital anomalies	2	5.0	1	3.9	5	7.3	0	0.0	4	10.9
Certain conditions originating in the perinatal period	5	12.5	2	7.8	11	16.0	3	11.7	6	16.4
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	1	2.5	0	0.0	3	4.4	2	7.8	4	10.9
Disorders relating to short gestation and unspecified low birth weight	2	5.0	0	0.0	2	2.9	0	0.0	1	2.7
Symptoms, signs, and ill-defined conditions	0	0.0	1	3.9	5	7.3	3	11.7	5	13.7
Accidents, all forms	19	47.4	23	89.5	36	52.3	10	38.9	23	62.8
Motor vehicle accidents	6	15.0	11	42.8	16	23.3	5	19.5	10	27.3
Home accidents	6	15.0	4	15.6	7	10.2	2	7.8	3	8.2
Work accidents	1	2.5	1	3.9	0	0.0	1	3.9	5	13.7
Suicide	5	12.5	3	11.7	15	21.8	8	31.1	3	8.2
Homicide	2	5.0	2	7.8	8	11.6	0	0.0	10	27.3
All other causes (residual)	22	54.9	16	62.3	55	79.9	8	31.1	24	65.6

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by County
Table 40 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Monongalia		Monroe		Morgan		Nicholas		Ohio	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	11	11.5	3	16.1	1	7.7	5	10.3	19	24.2
TOTAL DEATHS, ALL CAUSES	555	8.2	129	9.8	107	11.3	219	8.3	794	13.4
Deaths under 1 year	11	11.5	2	10.8	0	0.0	5	10.3	13	16.6
Deaths under 28 days	7	7.3	2	10.8	0	0.0	3	6.2	11	14.0
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1	1.5	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	3	4.4	0	0.0	1	10.5	0	0.0	3	5.1
Malignant neoplasms	121	178.2	24	183.2	15	157.9	37	139.6	158	266.4
--of digestive organs and peritoneum	29	42.7	3	22.9	5	52.6	10	37.7	47	79.3
--of respiratory system and intrathoracic organs	28	41.2	8	61.1	4	42.1	9	34.0	40	67.5
--of genitourinary organs	25	36.8	2	15.3	2	21.1	7	26.4	26	43.8
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	2	2.9	1	7.6	0	0.0	0	0.0	3	5.1
Diabetes mellitus	16	23.6	0	0.0	2	21.1	3	11.3	16	27.0
Nutritional deficiencies	1	1.5	0	0.0	0	0.0	1	3.8	0	0.0
Anemias	0	0.0	1	7.6	0	0.0	0	0.0	2	3.4
Major cardiovascular diseases	276	406.5	64	488.5	61	642.1	116	437.7	454	765.6
Diseases of the heart	214	315.2	55	419.8	44	463.2	84	317.0	354	597.0
Hypertension	2	2.9	0	0.0	0	0.0	1	3.8	2	3.4
Cerebrovascular diseases	40	58.9	6	45.8	15	157.9	23	86.8	83	140.0
Arteriosclerosis	14	20.6	2	15.3	1	10.5	8	30.2	7	11.8
Other diseases of arteries, arterioles, and capillaries	6	8.8	1	7.6	1	10.5	0	0.0	8	13.5
Pneumonia and influenza	7	10.3	5	38.2	1	10.5	3	11.3	16	27.0
Pneumonia	7	10.3	5	38.2	1	10.5	3	11.3	15	25.3
Influenza	0	0.0	0	0.0	0	0.0	0	0.0	1	1.7
Chronic obstructive pulmonary disease and allied conditions	21	30.9	4	30.5	3	31.6	14	52.8	21	35.4
Bronchitis, emphysema, and asthma	9	13.3	1	7.6	0	0.0	7	26.4	8	13.5
Pneumoconiosis and other lung diseases due to external agent	3	4.4	0	0.0	1	10.5	3	11.3	0	0.0
Coalworker's pneumoconiosis	0	0.0	0	0.0	0	0.0	1	3.8	0	0.0
Ulcer of stomach and duodenum	0	0.0	0	0.0	2	21.1	1	3.8	1	1.7
Hernia and intestinal obstruction	0	0.0	0	0.0	0	0.0	0	0.0	2	3.4
Chronic liver disease and cirrhosis	6	8.8	0	0.0	0	0.0	1	3.8	9	15.2
Cholelithiasis and other disorders of the gallbladder	3	4.4	0	0.0	0	0.0	0	0.0	3	5.1
Nephritis, nephrotic syndrome, and nephrosis	6	8.8	1	7.6	2	21.1	2	7.5	10	16.9
Infections of kidney	1	1.5	0	0.0	0	0.0	0	0.0	2	3.4
Congenital anomalies	1	1.5	0	0.0	0	0.0	0	0.0	6	10.1
Certain conditions originating in the perinatal period	7	10.3	2	15.3	0	0.0	3	11.3	8	13.5
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	2	2.9	2	15.3	0	0.0	1	3.8	1	1.7
Disorders relating to short gestation and unspecified low birth weight	0	0.0	0	0.0	0	0.0	1	3.8	3	5.1
Symptoms, signs, and ill-defined conditions	7	10.3	1	7.6	0	0.0	4	15.1	1	1.7
Accidents, all forms	16	23.6	14	106.9	13	136.8	15	56.6	23	38.8
Motor vehicle accidents	6	8.8	9	68.7	4	42.1	11	41.5	7	11.8
Home accidents	5	7.4	2	15.3	1	10.5	2	7.5	5	8.4
Work accidents	3	4.4	1	7.6	3	31.6	2	7.5	3	5.1
Suicide	9	13.3	0	0.0	0	0.0	2	7.5	8	13.5
Homicide	4	5.9	0	0.0	2	21.1	2	7.5	5	8.4
All other causes (residual)	44	64.8	12	91.6	4	42.1	12	45.3	43	72.5

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by County
Table 40 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Pendleton		Pleasants		Pocahontas		Preston		Putnam	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	2	16.1	4	32.3	2	13.1	3	5.8	5	8.3
TOTAL DEATHS, ALL CAUSES	101	13.3	71	9.0	111	11.8	297	10.5	267	7.9
Deaths under 1 year	6	48.4	3	24.2	4	26.1	7	13.4	4	6.6
Deaths under 28 days	4	32.3	1	8.1	3	19.6	5	9.6	2	3.3
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	2	7.0	0	0.0
Septicemia	0	0.0	1	12.7	2	21.3	1	3.5	1	3.0
Malignant neoplasms	19	250.0	17	215.2	19	202.1	69	243.0	55	163.2
--of digestive organs and peritoneum	4	52.6	2	25.3	7	74.5	14	49.3	17	50.4
--of respiratory system and intrathoracic organs	1	13.2	3	38.0	4	42.6	18	63.4	12	35.6
--of genitourinary organs	4	52.6	5	63.3	4	42.6	15	52.8	6	17.8
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	0	0.0	0	0.0	0	0.0	0	0.0	1	3.0
Diabetes mellitus	1	13.2	1	12.7	0	0.0	8	28.2	4	11.9
Nutritional deficiencies	0	0.0	0	0.0	0	0.0	0	0.0	1	3.0
Anemias	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Major cardiovascular diseases	62	815.8	35	443.0	67	712.8	149	524.6	133	394.7
Diseases of the heart	50	657.9	31	392.4	61	648.9	128	450.7	119	353.1
Hypertension	0	0.0	0	0.0	0	0.0	1	3.5	0	0.0
Cerebrovascular diseases	9	118.4	3	38.0	3	31.9	16	56.3	9	26.7
Arteriosclerosis	1	13.2	1	12.7	1	10.6	2	7.0	4	11.9
Other diseases of arteries, arterioles, and capillaries	2	26.3	0	0.0	2	21.3	2	7.0	1	3.0
Pneumonia and influenza	3	39.5	1	12.7	1	10.6	4	14.1	2	5.9
Pneumonia	3	39.5	1	12.7	1	10.6	4	14.1	2	5.9
Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	0	0.0	1	12.7	3	31.9	9	31.7	8	23.7
Bronchitis, emphysema, and asthma	0	0.0	0	0.0	2	21.3	4	14.1	1	3.0
Pneumoconiosis and other lung diseases due to external agent	0	0.0	0	0.0	0	0.0	2	7.0	0	0.0
Coalworker's pneumoconiosis	0	0.0	0	0.0	0	0.0	1	3.5	0	0.0
Ulcer of stomach and duodenum	0	0.0	0	0.0	2	21.3	0	0.0	1	3.0
Hernia and intestinal obstruction	0	0.0	0	0.0	0	0.0	1	3.5	0	0.0
Chronic liver disease and cirrhosis	1	13.2	1	12.7	1	10.6	3	10.6	1	3.0
Cholelithiasis and other disorders of the gallbladder	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, nephrotic syndrome, and nephrosis	0	0.0	3	38.0	1	10.6	2	7.0	3	8.9
Infections of kidney	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Congenital anomalies	1	13.2	1	12.7	0	0.0	2	7.0	4	11.9
Certain conditions originating in the perinatal period	3	39.5	1	12.7	2	21.3	2	7.0	2	5.9
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	0	0.0	0	0.0	2	21.3	1	3.5	2	5.9
Disorders relating to short gestation and unspecified low birth weight	2	26.3	0	0.0	0	0.0	0	0.0	0	0.0
Symptoms, signs, and ill-defined conditions	0	0.0	1	12.7	0	0.0	4	14.1	3	8.9
Accidents, all forms	6	78.9	3	38.0	5	53.2	20	70.4	19	56.4
Motor vehicle accidents	3	39.5	1	12.7	2	21.3	10	35.2	14	41.5
Home accidents	1	13.2	2	25.3	0	0.0	2	7.0	1	3.0
Work accidents	2	26.3	0	0.0	1	10.6	3	10.6	1	3.0
Suicide	3	39.5	2	25.3	2	21.3	3	10.6	6	17.8
Homicide	2	26.3	0	0.0	0	0.0	0	0.0	2	5.9
All other causes (residual)	0	0.0	3	38.0	6	63.8	16	56.3	21	62.3

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by County
Table 40 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Raleigh		Randolph		Ritchie		Roane		Summers	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	16	11.4	8	20.0	3	16.9	3	11.0	4	16.5
TOTAL DEATHS, ALL CAUSES	870	10.5	273	10.3	132	12.8	176	11.5	186	12.6
Deaths under 1 year	15	10.7	5	12.5	5	28.1	6	22.1	6	24.8
Deaths under 28 days	9	6.4	3	7.5	3	16.9	5	18.4	4	16.5
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1	1.2	0	0.0	0	0.0	0	0.0	1	6.8
Septicemia	6	7.2	1	3.8	1	9.7	1	6.5	1	6.8
Malignant neoplasms	161	193.7	39	146.6	24	233.0	26	169.9	31	209.5
--of digestive organs and peritoneum	46	55.4	6	22.6	4	38.8	2	13.1	8	54.1
--of respiratory system and intrathoracic organs	41	49.3	11	41.4	7	68.0	8	52.3	10	67.6
--of genitourinary organs	19	22.9	4	15.0	5	48.5	2	13.1	2	13.5
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Diabetes mellitus	18	21.7	5	18.8	2	19.4	0	0.0	9	60.8
Nutritional deficiencies	0	0.0	0	0.0	1	9.7	2	13.1	2	13.5
Anemias	0	0.0	0	0.0	0	0.0	0	0.0	1	6.8
Major cardiovascular diseases	442	531.9	156	586.5	74	718.4	107	699.3	93	628.4
Diseases of the heart	363	436.8	108	406.0	56	543.7	73	477.1	88	594.6
Hypertension	2	2.4	3	11.3	0	0.0	0	0.0	0	0.0
Cerebrovascular diseases	65	78.2	32	120.3	12	116.5	29	189.5	5	33.8
Arteriosclerosis	6	7.2	12	45.1	5	48.5	1	6.5	0	0.0
Other diseases of arteries, arterioles, and capillaries	6	7.2	1	3.8	1	9.7	4	26.1	0	0.0
Pneumonia and influenza	8	9.6	6	22.6	4	38.8	5	32.7	5	33.8
Pneumonia	8	9.6	5	18.8	4	38.8	5	32.7	5	33.8
Influenza	0	0.0	1	3.8	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	38	45.7	7	26.3	0	0.0	4	26.1	8	54.1
Bronchitis, emphysema, and asthma	12	14.4	3	11.3	0	0.0	0	0.0	6	40.5
Pneumoconiosis and other lung diseases due to external agent	24	28.9	0	0.0	0	0.0	0	0.0	0	0.0
Coalworker's pneumoconiosis	22	26.5	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of stomach and duodenum	0	0.0	0	0.0	1	9.7	1	6.5	0	0.0
Hernia and intestinal obstruction	2	2.4	3	11.3	0	0.0	0	0.0	1	6.8
Chronic liver disease and cirrhosis	12	14.4	2	7.5	0	0.0	0	0.0	1	6.8
Cholelithiasis and other disorders of the gallbladder	1	1.2	0	0.0	0	0.0	1	6.5	0	0.0
Nephritis, nephrotic syndrome, and nephrosis	1	1.2	3	11.3	2	19.4	1	6.5	2	13.5
Infections of kidney	1	1.2	1	3.8	0	0.0	0	0.0	0	0.0
Congenital anomalies	2	2.4	2	7.5	0	0.0	0	0.0	2	13.5
Certain conditions originating in the perinatal period	9	10.8	3	11.3	2	19.4	5	32.7	3	20.3
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	3	3.6	1	3.8	0	0.0	2	13.1	3	20.3
Disorders relating to short gestation and unspecified low birth weight	1	1.2	0	0.0	0	0.0	1	6.5	0	0.0
Symptoms, signs, and ill-defined conditions	5	6.0	1	3.8	2	19.4	3	19.6	0	0.0
Accidents, all forms	57	68.6	20	75.2	14	135.9	11	71.9	9	60.8
Motor vehicle accidents	22	26.5	14	52.6	11	106.8	2	13.1	7	47.3
Home accidents	13	15.6	5	18.8	1	9.7	4	26.1	0	0.0
Work accidents	9	10.8	0	0.0	0	0.0	2	13.1	1	6.8
Suicide	11	13.2	2	7.5	1	9.7	2	13.1	5	33.8
Homicide	8	9.6	2	7.5	0	0.0	1	6.5	0	0.0
All other causes (residual)	63	75.8	20	75.2	4	38.8	6	39.2	12	81.1

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by County
Table 40 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Taylor		Tucker		Tyler		Upshur		Wayne	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	4	15.7	3	23.8	3	20.1	8	21.3	7	10.7
TOTAL DEATHS, ALL CAUSES	174	11.4	105	13.1	122	11.5	210	9.5	327	8.0
Deaths under 1 year	1	3.9	3	23.8	4	26.8	10	26.7	4	6.1
Deaths under 28 days	1	3.9	2	15.9	2	13.4	7	18.7	3	4.6
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1	6.6	1	12.5	0	0.0	0	0.0	2	4.9
Septicemia	0	0.0	0	0.0	0	0.0	1	4.5	0	0.0
Malignant neoplasms	30	197.4	16	200.0	21	198.1	35	157.7	65	158.2
--of digestive organs and peritoneum	9	59.2	5	62.5	7	66.0	13	58.6	11	26.8
--of respiratory system and intrathoracic organs	7	46.1	5	62.5	8	75.5	3	13.5	23	56.0
--of genitourinary organs	7	46.1	2	25.0	2	18.9	7	31.5	7	17.0
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	2	13.2	0	0.0	0	0.0	1	4.5	0	0.0
Diabetes mellitus	1	6.6	4	50.0	0	0.0	3	13.5	3	7.3
Nutritional deficiencies	0	0.0	0	0.0	0	0.0	1	4.5	1	2.4
Anemias	1	6.6	0	0.0	0	0.0	0	0.0	1	2.4
Major cardiovascular diseases	104	684.2	60	750.0	65	613.2	118	531.5	173	420.9
Diseases of the heart	77	506.6	48	600.0	55	518.9	99	445.9	138	335.8
Hypertension	1	6.6	0	0.0	0	0.0	1	4.5	1	2.4
Cerebrovascular diseases	14	92.1	7	87.5	7	66.0	15	67.6	26	63.3
Arteriosclerosis	9	59.2	5	62.5	1	9.4	2	9.0	7	17.0
Other diseases of arteries, arterioles, and capillaries	3	19.7	0	0.0	2	18.9	1	4.5	1	2.4
Pneumonia and influenza	4	26.3	1	12.5	1	9.4	1	4.5	11	26.8
Pneumonia	4	26.3	1	12.5	1	9.4	1	4.5	11	26.8
Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	5	32.9	5	62.5	3	28.3	6	27.0	9	21.9
Bronchitis, emphysema, and asthma	0	0.0	1	12.5	0	0.0	1	4.5	1	2.4
Pneumoconiosis and other lung diseases due to external agent	1	6.6	0	0.0	0	0.0	0	0.0	0	0.0
Coalworker's pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of stomach and duodenum	0	0.0	0	0.0	0	0.0	1	4.5	2	4.9
Hernia and intestinal obstruction	0	0.0	0	0.0	0	0.0	1	4.5	1	2.4
Chronic liver disease and cirrhosis	3	19.7	0	0.0	0	0.0	2	9.0	4	9.7
Cholelithiasis and other disorders of the gallbladder	0	0.0	1	12.5	0	0.0	0	0.0	0	0.0
Nephritis, nephrotic syndrome, and nephrosis	1	6.6	1	12.5	4	37.7	1	4.5	1	2.4
Infections of kidney	0	0.0	0	0.0	2	18.9	0	0.0	0	0.0
Congenital anomalies	0	0.0	0	0.0	0	0.0	2	9.0	1	2.4
Certain conditions originating in the perinatal period	1	6.6	2	25.0	1	9.4	8	36.0	3	7.3
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	0	0.0	0	0.0	1	9.4	5	22.5	2	4.9
Disorders relating to short gestation and unspecified low birth weight	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Symptoms, signs, and ill-defined conditions	0	0.0	0	0.0	5	47.2	1	4.5	4	9.7
Accidents, all forms	10	65.8	5	62.5	12	113.2	13	58.6	24	58.4
Motor vehicle accidents	8	52.6	2	25.0	5	47.2	8	36.0	15	36.5
Home accidents	1	6.6	0	0.0	3	28.3	1	4.5	3	7.3
Work accidents	1	6.6	1	12.5	2	18.9	0	0.0	4	9.7
Suicide	2	13.2	0	0.0	3	28.3	1	4.5	6	14.6
Homicide	0	0.0	1	12.5	0	0.0	1	4.5	5	12.2
All other causes (residual)	8	52.6	8	100.0	5	47.2	13	58.6	11	26.8

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by County
Table 40 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER & RATE BY COUNTY									
	Webster		Wetzel		Wirt		Wood		Wyoming	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	5	24.6	5	15.9	1	15.9	15	10.5	3	5.2
TOTAL DEATHS, ALL CAUSES	156	13.8	214	10.1	64	13.1	898	9.8	301	9.0
Deaths under 1 year	4	19.7	4	12.7	0	0.0	30	20.9	9	15.5
Deaths under 28 days	2	9.9	3	9.5	0	0.0	21	14.6	5	8.6
Intestinal infectious diseases	1	8.8	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	1	1.1	2	6.0
Malignant neoplasms	29	256.6	38	180.1	20	408.2	169	184.9	42	125.4
--of digestive organs and peritoneum	5	44.2	7	33.2	6	122.4	49	53.6	9	26.9
--of respiratory system and intrathoracic organs	6	53.1	16	75.8	6	122.4	55	60.2	9	26.9
--of genitourinary organs	4	35.4	7	33.2	3	61.2	22	24.1	14	41.8
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	1	8.8	2	9.5	0	0.0	3	3.3	0	0.0
Diabetes mellitus	5	44.2	5	23.7	2	40.8	8	8.8	8	23.9
Nutritional deficiencies	0	0.0	0	0.0	1	20.4	2	2.2	0	0.0
Anemias	1	8.8	1	4.7	0	0.0	0	0.0	1	3.0
Major Cardiovascular Diseases	77	681.4	112	530.8	30	612.2	523	572.2	136	406.0
Diseases of the heart	62	548.7	90	426.5	24	489.8	400	437.6	114	340.3
Hypertension	0	0.0	0	0.0	0	0.0	7	7.7	1	3.0
Cerebrovascular diseases	13	115.0	19	90.0	4	81.6	90	98.5	16	47.8
Arteriosclerosis	1	8.8	2	9.5	1	20.4	17	18.6	1	3.0
Other diseases of arteries, arterioles, and capillaries	1	8.8	1	4.7	1	20.4	9	9.8	4	11.9
Pneumonia and influenza	2	17.7	8	37.9	1	20.4	20	21.9	8	23.9
Pneumonia	2	17.7	8	37.9	1	20.4	19	20.8	8	23.9
Influenza	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0
Chronic obstructive pulmonary disease and allied conditions	2	17.7	4	19.0	1	20.4	23	25.2	8	23.9
Bronchitis, emphysema, and asthma	1	8.8	3	14.2	1	20.4	9	9.8	2	6.0
Pneumoconiosis and other lung diseases due to external agent	1	8.8	0	0.0	0	0.0	0	0.0	5	14.9
Coalworker's pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	5	14.9
Ulcer of stomach and duodenum	0	0.0	1	4.7	0	0.0	2	2.2	0	0.0
Hernia and intestinal obstruction	0	0.0	1	4.7	0	0.0	4	4.4	0	0.0
Chronic liver disease and cirrhosis	1	8.8	3	14.2	1	20.4	9	9.8	7	20.9
Cholelithiasis and other disorders of the gallbladder	1	8.8	0	0.0	0	0.0	0	0.0	0	0.0
Nephritis, nephrotic syndrome, and nephrosis	3	26.5	1	4.7	1	20.4	7	7.7	2	6.0
Infections of kidney	0	0.0	1	4.7	0	0.0	0	0.0	0	0.0
Congenital anomalies	1	8.8	2	9.5	0	0.0	2	2.2	1	3.0
Certain conditions originating in the perinatal period	2	17.7	1	4.7	0	0.0	20	21.9	4	11.9
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	1	8.8	1	4.7	0	0.0	6	6.6	3	9.0
Disorders relating to short gestation and unspecified low birth weight	0	0.0	0	0.0	0	0.0	6	6.6	0	0.0
Symptoms, signs, and ill-defined conditions	2	17.7	2	9.5	2	40.8	9	9.8	4	11.9
Accidents, all forms	13	115.0	16	75.8	2	40.8	38	41.6	32	95.5
Motor vehicle accidents	8	70.8	4	19.0	1	20.4	16	17.5	15	44.8
Home accidents	0	0.0	6	28.4	0	0.0	6	6.6	5	14.9
Work accidents	1	8.8	2	9.5	0	0.0	2	2.2	6	17.9
Suicide	2	17.7	1	4.7	0	0.0	10	10.9	5	14.9
Homicide	1	8.8	1	4.7	0	0.0	5	5.5	5	14.9
All other causes (residual)	11	97.3	14	66.4	3	61.2	43	47.0	31	92.5

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by City
Table 41

SELECTED CAUSES OF DEATH	CITY OF RESIDENCE									
	Beckley		Bluefield		Charleston		Clarksburg		Fairmont	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	5	14.5	2	6.6	13	14.4	3	8.6	2	5.6
TOTAL DEATHS, ALL CAUSES	312	14.6	230	13.9	857	12.8	335	14.7	322	12.3
Deaths under 1 year	3	8.7	5	16.4	16	17.8	3	8.6	10	28.1
Deaths under 28 days	2	5.8	5	16.4	13	14.4	3	8.6	6	16.9
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	0	0.0	1	6.0	2	3.0	1	4.4	0	0.0
Septicemia	4	18.7	0	0.0	1	1.5	0	0.0	0	0.0
Malignant neoplasms	52	243.6	27	162.9	193	288.2	60	264.1	58	221.6
--of digestive organs and peritoneum	17	79.7	5	30.2	46	68.7	14	61.6	21	80.2
--of respiratory system and intrathoracic organs	9	42.2	10	60.3	52	77.7	16	70.4	13	49.7
--of genitourinary organs	6	28.1	2	12.1	38	56.7	8	35.2	10	38.2
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	0	0.0	1	6.0	4	6.0	1	4.4	0	0.0
Diabetes mellitus	6	28.1	1	6.0	14	20.9	6	26.4	7	26.7
Nutritional deficiencies	0	0.0	0	0.0	0	0.0	0	0.0	2	7.6
Anemias	0	0.0	1	6.0	1	1.5	0	0.0	0	0.0
Major cardiovascular diseases	179	838.7	146	881.1	434	648.1	208	915.6	188	718.4
Diseases of the heart	151	707.5	115	694.0	339	506.2	162	713.1	154	588.5
Hypertension	1	4.7	2	12.1	2	3.0	2	8.8	0	0.0
Cerebrovascular diseases	22	103.1	26	156.9	73	109.0	37	162.9	26	99.4
Arteriosclerosis	3	14.1	2	12.1	10	14.9	4	17.6	5	19.1
Other diseases of arteries, arterioles, and capillaries	2	9.4	1	6.0	10	14.9	3	13.2	3	11.5
Pneumonia and influenza	2	9.4	7	42.2	23	34.3	4	17.6	5	19.1
Pneumonia	2	9.4	7	42.2	23	34.3	4	17.6	5	19.1
Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	7	32.8	5	30.2	21	31.4	6	26.4	9	34.4
Bronchitis, emphysema, and asthma	2	9.4	5	30.2	6	9.0	2	8.8	1	3.8
Pneumoconiosis and other lung diseases due to external agent	7	32.8	1	6.0	3	4.5	1	4.4	1	3.8
Coalworker's pneumoconiosis	6	28.1	0	0.0	2	3.0	1	4.4	0	0.0
Ulcer of stomach and duodenum	0	0.0	0	0.0	5	7.5	1	4.4	0	0.0
Hernia and intestinal obstruction	1	4.7	1	6.0	1	1.5	0	0.0	0	0.0
Chronic liver disease and cirrhosis	4	18.7	2	12.1	16	23.9	4	17.6	2	7.6
Cholelithiasis and other disorders of the gallbladder	1	4.7	0	0.0	2	3.0	0	0.0	2	7.6
Nephritis, nephrotic syndrome, and nephrosis	1	4.7	0	0.0	11	16.4	4	17.6	1	3.8
Infections of kidney	0	0.0	1	6.0	1	1.5	0	0.0	1	3.8
Congenital anomalies	1	4.7	1	6.0	1	1.5	1	4.4	3	11.5
Certain conditions originating in the perinatal period	1	4.7	4	24.1	9	13.4	3	13.2	5	19.1
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	0	0.0	1	6.0	3	4.5	2	8.8	2	7.6
Disorders relating to short gestation and unspecified low birth weight	0	0.0	2	12.1	3	4.5	0	0.0	2	7.6
Symptoms, signs, and ill-defined conditions	1	4.7	0	0.0	9	13.4	0	0.0	3	11.5
Accidents, all forms	13	60.9	8	48.3	45	67.2	11	48.4	8	30.6
Motor vehicle accidents	6	28.1	2	12.1	20	29.9	5	22.0	2	7.6
Home accidents	4	18.7	0	0.0	15	22.4	5	22.0	2	7.6
Work accidents	1	4.7	0	0.0	2	3.0	0	0.0	0	0.0
Suicide	5	23.4	3	18.1	5	7.5	2	8.8	5	19.1
Homicide	4	18.7	3	18.1	8	11.9	2	8.8	0	0.0
All other causes (residual)	23	107.8	17	102.6	48	71.7	20	88.0	22	84.1

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by City
Table 41 (cont'd)

SELECTED CAUSES OF DEATH	CITY OF RESIDENCE									
	Huntington		Martinsburg		Morgantown		Moundsville		Parkersburg	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	10	10.4	4	18.3	6	17.7	0	0.0	9	13.1
TOTAL DEATHS, ALL CAUSES	918	13.2	203	14.8	256	8.0	151	11.7	567	14.6
Deaths under 1 year	16	16.6	2	9.1	3	8.8	3	14.1	19	27.7
Deaths under 28 days	9	9.3	1	4.6	1	2.9	3	14.1	12	17.5
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	3	4.3	0	0.0	0	0.0	0	0.0	0	0.0
Septicemia	4	5.7	1	7.3	2	6.2	4	30.9	1	2.6
Malignant neoplasms	170	244.3	44	319.8	65	202.6	24	185.4	104	268.2
--of digestive organs and peritoneum	34	48.9	6	43.6	20	62.3	5	38.6	29	74.8
--of respiratory system and intrathoracic organs	62	89.1	9	65.4	13	40.5	6	46.3	37	95.4
--of genitourinary organs	27	38.8	14	101.8	14	43.6	8	61.8	13	33.5
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	4	5.7	1	7.3	0	0.0	1	7.7	1	2.6
Diabetes mellitus	18	25.9	5	36.3	5	15.6	6	46.3	4	10.3
Nutritional deficiencies	0	0.0	2	14.5	1	3.1	0	0.0	1	2.6
Anemias	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Major cardiovascular diseases	498	715.6	114	828.7	125	389.7	77	594.8	333	858.6
Diseases of the heart	387	556.1	80	581.5	96	299.3	67	517.5	251	647.2
Hypertension	0	0.0	0	0.0	1	3.1	0	0.0	5	12.9
Cerebrovascular diseases	97	139.4	19	138.1	17	53.0	6	46.3	63	162.4
Arteriosclerosis	6	8.6	12	87.2	7	21.8	4	30.9	9	23.2
Other diseases of arteries, arterioles, and capillaries	8	11.5	3	21.8	4	12.5	0	0.0	5	12.9
Pneumonia and influenza	21	30.2	1	7.3	4	12.5	1	7.7	13	33.5
Pneumonia	21	30.2	1	7.3	4	12.5	1	7.7	13	33.5
Influenza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chronic obstructive pulmonary disease and allied conditions	28	40.2	6	43.6	6	18.7	7	54.1	15	38.7
Bronchitis, emphysema, and asthma	7	10.1	2	14.5	2	6.2	1	7.7	6	15.5
Pneumoconiosis and other lung diseases due to external agent	3	4.3	0	0.0	1	3.1	1	7.7	0	0.0
Coalworker's pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of stomach and duodenum	4	5.7	0	0.0	0	0.0	0	0.0	1	2.6
Hernia and intestinal obstruction	8	11.5	0	0.0	0	0.0	2	15.4	3	7.7
Chronic liver disease and cirrhosis	12	17.2	5	36.3	2	6.2	1	7.7	7	18.0
Cholelithiasis and other disorders of the gallbladder	0	0.0	0	0.0	1	3.1	0	0.0	0	0.0
Nephritis, nephrotic syndrome, and nephrosis	4	5.7	0	0.0	5	15.6	2	15.4	5	12.9
Infections of kidney	3	4.3	1	7.3	1	3.1	0	0.0	0	0.0
Congenital anomalies	6	8.6	1	7.3	0	0.0	0	0.0	0	0.0
Certain conditions originating in the perinatal period	7	10.1	1	7.3	1	3.1	3	23.2	12	30.9
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	5	7.2	0	0.0	0	0.0	1	7.7	3	7.7
Disorders relating to short gestation and unspecified low birth weight	0	0.0	0	0.0	0	0.0	1	7.7	1	2.6
Symptoms, signs, and ill-defined conditions	14	20.1	0	0.0	2	6.2	0	0.0	6	15.5
Accidents, all forms	37	53.2	9	65.4	5	15.6	6	46.3	23	59.3
Motor vehicle accidents	17	24.4	7	50.9	2	6.2	2	15.4	8	20.6
Home accidents	13	18.7	1	7.3	2	6.2	2	15.4	5	12.9
Work accidents	2	2.9	0	0.0	2	6.2	0	0.0	1	2.6
Suicide	7	10.1	3	21.8	4	12.5	5	38.6	9	23.2
Homicide	7	10.1	0	0.0	2	6.2	1	7.7	3	7.7
All other causes (residual)	60	86.2	9	65.4	24	74.8	10	77.2	26	67.0

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes: Number and Rate by City
Table 41 (cont'd)

SELECTED CAUSES OF DEATH	CITY OF RESIDENCE									
	Saint Albans		So. Charleston		Vienna		Weirton		Wheeling	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
FETAL DEATHS	2	8.5	0	0.0	0	0.0	7	23.6	12	21.5
TOTAL DEATHS, ALL CAUSES	157	10.8	166	10.0	96	8.8	220	8.6	670	15.5
Deaths under 1 year	2	8.5	4	18.6	1	6.8	2	6.7	12	21.5
Deaths under 28 days	1	4.3	3	14.0	1	6.8	2	6.7	10	17.9
Intestinal infectious diseases	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	1	6.9	0	0.0	0	0.0	2	7.8	0	0.0
Septicemia	0	0.0	0	0.0	0	0.0	0	0.0	3	6.9
Malignant neoplasms	39	268.7	34	204.6	17	155.2	41	160.0	133	307.9
--of digestive organs and peritoneum	12	82.7	7	42.1	4	36.5	12	46.8	40	92.6
--of respiratory system and intrathoracic organs	11	75.8	11	66.2	8	73.0	12	46.8	28	64.8
--of genitourinary organs	4	27.6	5	30.1	4	36.5	8	31.2	22	50.9
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	2	13.8	2	12.0	0	0.0	2	7.8	3	6.9
Diabetes mellitus	2	13.8	2	12.0	0	0.0	3	11.7	13	30.1
Nutritional deficiencies	1	6.9	0	0.0	0	0.0	0	0.0	0	0.0
Anemias	1	6.9	0	0.0	0	0.0	0	0.0	2	4.6
Major cardiovascular diseases	78	537.3	86	517.6	56	511.1	120	468.3	379	877.5
Diseases of the heart	64	440.9	62	373.2	43	392.5	103	401.9	292	676.1
Hypertension	0	0.0	1	6.0	1	9.1	1	3.9	2	4.6
Cerebrovascular diseases	13	89.6	22	132.4	10	91.3	13	50.7	72	166.7
Arteriosclerosis	0	0.0	0	0.0	2	18.3	3	11.7	7	16.2
Other diseases of arteries, arterioles, and capillaries	1	6.9	1	6.0	0	0.0	0	0.0	6	13.9
Pneumonia and influenza	4	27.6	2	12.0	3	27.4	9	35.1	16	37.0
Pneumonia	4	27.6	2	12.0	2	18.3	9	35.1	15	34.7
Influenza	0	0.0	0	0.0	1	9.1	0	0.0	1	2.3
Chronic obstructive pulmonary disease and allied conditions	3	20.7	6	36.1	1	9.1	8	31.2	19	44.0
Bronchitis, emphysema, and asthma	0	0.0	1	6.0	1	9.1	5	19.5	8	18.5
Pneumoconiosis and other lung diseases due to external agent	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Coalworker's pneumoconiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ulcer of stomach and duodenum	0	0.0	0	0.0	1	9.1	0	0.0	0	0.0
Hernia and intestinal obstruction	0	0.0	0	0.0	1	9.1	0	0.0	2	4.6
Chronic liver disease and cirrhosis	2	13.8	2	12.0	1	9.1	1	3.9	5	11.6
Cholelithiasis and other disorders of the gallbladder	1	6.9	0	0.0	0	0.0	1	3.9	3	6.9
Nephritis, nephrotic syndrome, and nephrosis	1	6.9	0	0.0	1	9.1	3	11.7	9	20.8
Infections of kidney	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Congenital anomalies	1	6.9	2	12.0	0	0.0	1	3.9	5	11.6
Certain conditions originating in the perinatal period	1	6.9	2	12.0	1	9.1	1	3.9	6	13.9
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	0	0.0	1	6.0	1	9.1	1	3.9	0	0.0
Disorders relating to short gestation and unspecified low birth weight	0	0.0	0	0.0	0	0.0	0	0.0	2	4.6
Symptoms, signs, and ill-defined conditions	1	6.9	1	6.0	1	9.1	3	11.7	1	2.3
Accidents, all forms	5	34.4	7	42.1	4	36.5	11	42.9	18	41.7
Motor vehicle accidents	4	27.6	1	6.0	2	18.3	5	19.5	7	16.2
Home accidents	1	6.9	4	24.1	1	9.1	2	7.8	2	4.6
Work accidents	0	0.0	1	6.0	0	0.0	2	7.8	2	4.6
Suicide	2	13.8	2	12.0	0	0.0	1	3.9	8	18.5
Homicide	4	27.6	0	0.0	0	0.0	0	0.0	4	9.3
All other causes (residual)	8	55.1	18	108.3	9	82.1	13	50.7	41	94.9

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes by Age Groups
Table 42

SELECTED CAUSES OF DEATH	TOTAL	AGE IN YEARS					
		Under 1 yr.	1-4 years	5-9 years	10-14 years	15-24 years	25-34 years
TOTAL DEATHS, ALL CAUSES	18,871	408	82	53	55	429	416
Deaths under 1 year	408	408	0	0	0	0	0
Deaths under 28 days	269	269	0	0	0	0	0
Intestinal infectious diseases	3	1	0	1	0	0	0
Tuberculosis	30	0	0	0	0	0	1
Septicemia	74	10	0	1	0	0	0
Malignant neoplasms	3,572	3	6	3	3	16	51
--of digestive organs and peritoneum	888	1	0	0	0	1	8
--of respiratory system and intrathoracic organs	1,021	0	0	0	0	0	4
--of genitourinary organs	568	0	1	0	0	2	6
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	59	0	0	0	0	1	4
Diabetes mellitus	339	0	0	0	1	2	2
Nutritional deficiencies	27	0	0	0	0	0	0
Anemias	22	0	0	1	0	1	0
Major cardiovascular diseases	10,047	14	1	1	4	12	35
Diseases of the heart	8,010	13	0	1	3	7	27
Hypertension	63	0	0	0	0	0	0
Cerebrovascular diseases	1,546	1	0	0	0	5	6
Arteriosclerosis	259	0	0	0	0	0	0
Other diseases of arteries, arterioles, and capillaries	169	0	1	0	1	0	2
Pneumonia and influenza	373	8	1	0	2	4	5
Pneumonia	368	8	1	0	2	4	5
Influenza	5	0	0	0	0	0	0
Chronic obstructive pulmonary disease and allied conditions	631	1	1	0	0	0	1
Bronchitis, emphysema, and asthma	223	1	1	0	0	0	1
Pneumoconiosis and other lung diseases due to external agent	106	2	0	0	0	0	0
Coalworker's pneumoconiosis	76	0	0	0	0	0	0
Ulcer of stomach and duodenum	51	0	0	0	0	0	0
Hernia and intestinal obstruction	55	0	0	0	0	0	1
Chronic liver disease and cirrhosis	214	0	1	0	0	1	8
Cholelithiasis and other disorders of the gallbladder	30	0	0	0	0	0	0
Nephritis, nephrotic syndrome, and nephrosis	140	4	0	1	1	1	1
Infections of kidney	20	0	0	0	1	0	0
Congenital anomalies	90	54	8	3	2	5	3
Certain conditions originating in the perinatal period	217	215	2	0	0	0	0
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	85	84	1	0	0	0	0
Disorders relating to short gestation and unspecified low birth weight	38	38	0	0	0	0	0
Symptoms, signs, and ill-defined conditions	181	61	2	0	0	2	1
Accidents, all forms	1,072	7	35	30	20	284	162
Motor vehicle accidents	541	3	16	20	10	201	104
Home accidents	210	2	14	5	3	27	6
Work accidents	106	0	0	0	0	21	32
Suicide	240	0	0	0	3	31	47
Homicide	141	0	5	2	5	34	41
All other causes (residual)	1,137	28	20	10	13	35	53

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes by Age Groups
Table 42 (cont'd)

SELECTED CAUSES OF DEATH	AGE IN YEARS						
	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 & over	Unknown
TOTAL DEATHS, ALL CAUSES	525	1,348	3,024	4,634	4,805	3,088	4
Deaths under 1 year	0	0	0	0	0	0	0
Deaths under 28 days	0	0	0	0	0	0	0
Intestinal infectious diseases	0	0	0	0	1	0	0
Tuberculosis	2	4	6	7	8	2	0
Septicemia	4	5	10	11	21	12	0
Malignant neoplasms	103	357	868	1,082	790	290	0
--of digestive organs and peritoneum	15	74	190	259	232	108	0
--of respiratory system and intrathoracic organs	18	124	333	329	169	44	0
--of genitourinary organs	15	33	95	170	179	67	0
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	1	11	12	12	14	4	0
Diabetes mellitus	9	10	66	105	93	51	0
Nutritional deficiencies	0	2	1	2	8	14	0
Anemias	1	0	3	5	5	6	0
Major cardiovascular diseases	146	576	1,412	2,532	3,092	2,220	2
Diseases of the heart	121	514	1,211	2,084	2,342	1,685	2
Hypertension	1	2	12	14	16	18	0
Cerebrovascular diseases	20	46	150	334	592	392	0
Arteriosclerosis	0	2	15	47	88	107	0
Other diseases of arteries, arterioles, and capillaries	4	12	24	53	54	18	0
Pneumonia and influenza	4	15	35	68	110	121	0
Pneumonia	4	15	34	68	109	118	0
Influenza	0	0	1	0	1	3	0
Chronic obstructive pulmonary disease and allied conditions	8	41	142	245	145	47	0
Bronchitis, emphysema, and asthma	3	13	56	84	45	19	0
Pneumoconiosis and other lung diseases due to external agent	0	2	16	43	30	13	0
Coalworker's pneumoconiosis	0	1	10	36	21	8	0
Ulcer of stomach and duodenum	1	5	6	12	15	12	0
Hernia and intestinal obstruction	1	7	9	14	16	7	0
Chronic liver disease and cirrhosis	23	47	60	58	12	4	0
Cholelithiasis and other disorders of the gallbladder	0	1	4	7	7	11	0
Nephritis, nephrotic syndrome, and nephrosis	0	10	18	21	39	44	0
Infections of kidney	0	0	0	6	8	5	0
Congenital anomalies	4	4	3	2	2	0	0
Certain conditions originating in the perinatal period	0	0	0	0	0	0	0
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	0	0	0	0	0	0	0
Disorders relating to short gestation and unspecified low birth weight	0	0	0	0	0	0	0
Symptoms, signs, and ill-defined conditions	5	11	21	25	25	28	0
Accidents, all forms	104	100	105	86	91	47	1
Motor vehicle accidents	54	36	38	30	23	6	0
Home accidents	12	20	28	28	39	25	1
Work accidents	17	21	10	3	2	0	0
Suicide	37	37	31	31	21	2	0
Homicide	20	13	11	8	0	1	1
All other causes (residual)	52	90	185	252	252	147	0

WEST VIRGINIA RESIDENT DEATHS 1979
Selected Causes by Month of Occurrence
Table 43

SELECTED CAUSES OF DEATH	TOTAL	NUMBER OF DEATHS PER MONTH					
		Jan.	Feb.	Mar.	April	May	June
FETAL DEATHS	332	19	32	37	28	19	31
TOTAL DEATHS, ALL CAUSES	18,871	1,719	1,515	1,639	1,569	1,660	1,448
Deaths under 1 year	408	45	28	35	38	35	41
Deaths under 28 days	269	31	14	17	24	29	28
Intestinal infectious diseases	3	0	0	0	0	1	0
Tuberculosis	30	3	4	1	5	5	0
Septicemia	74	7	7	3	3	1	4
Malignant neoplasms	3,572	276	267	297	280	350	293
--of digestive organs and peritoneum	888	62	69	69	60	91	88
--of respiratory system and intrathoracic organs	1,021	85	71	97	83	96	83
--of genitourinary organs	568	42	47	40	44	60	45
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	59	10	7	10	3	3	4
Diabetes mellitus	339	41	28	27	18	26	17
Nutritional deficiencies	27	1	2	4	3	2	1
Anemias	22	1	3	3	1	0	1
Major cardiovascular diseases	10,047	941	859	923	852	856	743
Diseases of the heart	8,010	723	699	725	700	681	604
Hypertension	63	9	5	7	5	2	4
Cerebrovascular diseases	1,546	168	108	151	115	146	103
Arteriosclerosis	259	27	29	28	23	18	21
Other diseases of arteries, arterioles, and capillaries	169	14	18	12	9	9	11
Pneumonia and influenza	373	45	38	32	37	37	21
Pneumonia	368	45	37	30	35	37	21
Influenza	5	0	1	2	2	0	0
Chronic obstructive pulmonary disease and allied conditions	631	65	46	57	61	58	45
Bronchitis, emphysema, and asthma	223	27	11	16	18	17	17
Pneumoconiosis and other lung diseases due to external agent	106	13	5	7	9	12	5
Coalworker's pneumoconiosis	76	9	3	7	5	8	4
Ulcer of stomach and duodenum	51	3	4	8	5	3	3
Hernia and intestinal obstruction	55	4	4	9	3	5	5
Chronic liver disease and cirrhosis	214	9	10	19	19	8	20
Cholelithiasis and other disorders of the gallbladder	30	2	3	3	2	1	6
Nephritis, nephrotic syndrome, and nephrosis	140	14	8	12	11	9	10
Infections of kidney	20	1	2	1	0	4	0
Congenital anomalies	90	14	6	8	9	7	5
Certain conditions originating in the perinatal period	217	21	12	18	13	25	24
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	85	5	5	8	6	7	7
Disorders relating to short gestation and unspecified low birth weight	38	3	1	3	4	4	8
Symptoms, signs, and ill-defined conditions	181	18	19	17	23	10	12
Accidents, all forms	1,072	76	74	62	89	92	107
Motor vehicle accidents	541	34	37	37	44	42	53
Home accidents	210	25	15	12	19	18	14
Work accidents	106	7	5	3	7	14	12
Suicide	240	17	15	19	25	27	20
Homicide	141	15	9	10	10	9	12
All other causes (residual)	1,137	122	83	89	88	109	90

WEST VIRGINIA RESIDENT DEATHS 1979

Selected Causes by Month of Occurrence

Table 43 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER OF DEATHS PER MONTH					
	July	Aug.	Sept.	Oct.	Nov.	Dec.
FETAL DEATHS	18	31	22	32	26	37
TOTAL DEATHS, ALL CAUSES	1,489	1,505	1,463	1,631	1,560	1,673
Deaths under 1 year	28	35	29	30	26	38
Deaths under 28 days	19	24	18	23	18	24
Intestinal infectious diseases	0	0	0	0	0	2
Tuberculosis	5	0	3	1	2	1
Septicemia	7	10	6	10	6	10
Malignant neoplasms	300	285	292	324	309	299
--of digestive organs and peritoneum	80	70	84	78	66	71
--of respiratory system and intrathoracic organs	78	85	76	98	88	81
--of genitourinary organs	51	47	37	41	60	54
Benign neoplasms, carcinoma in situ, neoplasm of unspecified nature	5	5	1	4	4	3
Diabetes mellitus	26	26	31	27	43	29
Nutritional deficiencies	2	2	1	5	3	1
Anemias	1	1	4	1	5	1
Major cardiovascular diseases	771	804	726	836	816	920
Diseases of the heart	608	649	572	676	644	729
Hypertension	2	11	3	4	6	5
Cerebrovascular diseases	119	114	112	132	133	145
Arteriosclerosis	23	15	21	14	22	18
Other diseases of arteries, arterioles, and capillaries	19	15	18	10	11	23
Pneumonia and influenza	22	31	44	16	25	25
Pneumonia	22	31	44	16	25	25
Influenza	0	0	0	0	0	0
Chronic obstructive pulmonary disease and allied conditions	43	32	54	64	54	52
Bronchitis, emphysema, and asthma	18	13	22	21	22	21
Pneumoconiosis and other lung diseases due to external agent	5	9	15	8	7	11
Coalworker's pneumoconiosis	4	7	11	6	5	7
Ulcer of stomach and duodenum	3	3	6	5	4	4
Hernia and intestinal obstruction	10	1	3	4	3	4
Chronic liver disease and cirrhosis	19	26	21	20	17	26
Cholelithiasis and other disorders of the gallbladder	1	1	3	5	1	2
Nephritis, nephrotic syndrome, and nephrosis	11	14	7	18	15	11
Infections of kidney	3	2	1	1	3	2
Congenital anomalies	5	11	7	7	4	7
Certain conditions originating in the perinatal period	13	19	18	19	14	21
Birth trauma or asphyxia, intrauterine hypoxia, respiratory distress syndrome	10	4	8	7	8	10
Disorders relating to short gestation and unspecified low birth weight	1	4	1	5	2	2
Symptoms, signs, and ill-defined conditions	18	17	14	12	10	11
Accidents, all forms	88	100	95	90	93	106
Motor vehicle accidents	40	44	63	39	47	61
Home accidents	20	20	7	16	20	24
Work accidents	7	13	12	9	11	6
Suicide	20	12	17	30	20	18
Homicide	12	13	6	14	13	18
All other causes (residual)	99	81	88	110	89	89

WEST VIRGINIA RESIDENT DEATHS 1979
Autopsy Status by Place of Death
Table 44

AUTOPSY STATUS	*HOSPITAL	LICENSED NURSING AND PERSONAL CARE HOMES	UNLICENSED NURSING AND PERSONAL CARE HOMES	CLINIC OR CENTER	**ENROUTE TO HOSPITAL	ALL OTHERS	TOTAL DEATHS
Autopsy Performed	1,705 (11.9%)	4 (0.4%)	0 -	1 (1.9%)	3 (75.0%)	584 (17.5%)	2,297 (12.2%)
No Autopsy Performed	12,191 (85.3%)	1,125 (99.6%)	65 (100.0%)	51 (98.1%)	1 (25.0%)	2,730 (81.9%)	16,163 (85.6%)
Not Stated	390 (2.7%)	0 -	0 -	0 -	0 -	21 (0.6%)	411 (2.2%)
Total Deaths	14,286 (100.0%)	1,129 (100.0%)	65 (100.0%)	52 (100.0%)	4 (100.0%)	3,335 (100.0%)	18,871 (100.0%)
Percentage of Total Deaths	75.7%	6.0%	0.3%	0.3%	0.0%	17.7%	100.0%

- Denotes zero percent.
0.0 Denotes a percentage of 0.05 or less.
* Includes deaths enroute to named hospital.
** Includes deaths enroute to unnamed hospital.

WEST VIRGINIA RESIDENT DEATHS 1979

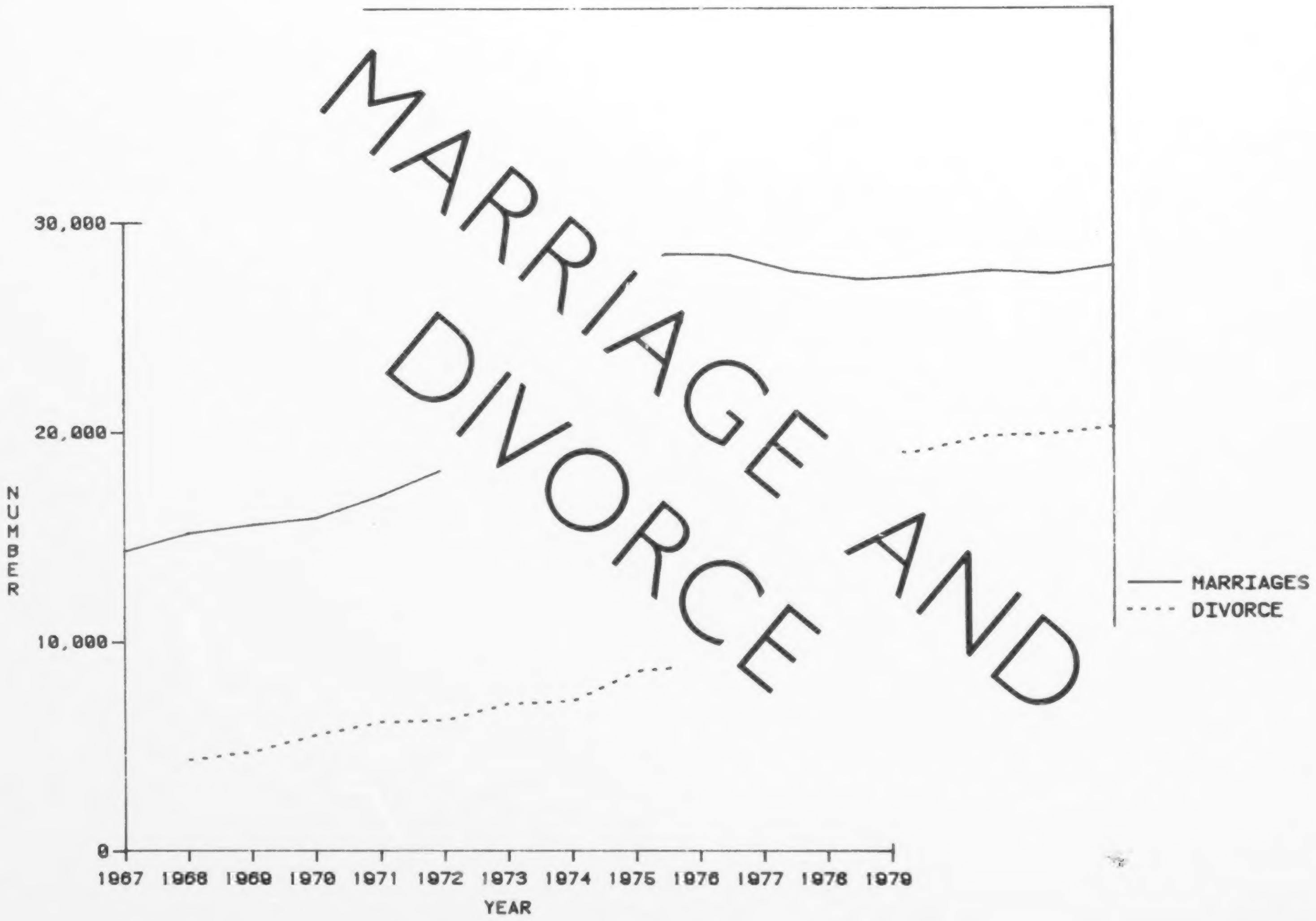
Autopsies by Counties and Regions

Table 45

COUNTY OF RESIDENCE	NUMBER OF DEATHS	NUMBER OF AUTOPSIES	PERCENTAGE OF DEATHS AUTOPSIED
Region 1:	2,691	392	14.6
McDowell	471	77	16.3
Mercer	734	84	11.4
Monroe	129	13	10.1
Raleigh	870	136	15.6
Summers	186	22	11.8
Wyoming	301	60	19.9
Region 2:	2,827	343	12.1
Cabell	1,211	130	10.7
Lincoln	201	23	11.4
Logan	468	76	16.2
Mason	252	28	11.1
Mingo	368	38	10.3
Wayne	327	48	14.7
Region 3:	2,849	453	15.9
Boone	274	62	22.6
Clay	107	12	11.2
Kanawha	2,201	337	15.3
Putnam	267	42	15.7
Region 4:	1,483	158	10.7
Fayette	646	76	11.8
Greenbrier	351	27	7.7
Nicholas	219	25	11.4
Pocahontas	111	11	9.9
Webster	156	19	12.2
Region 5:	1,753	153	8.7
Calhoun	75	5	6.7
Jackson	215	25	11.6
Pleasants	71	7	9.9
Ritchie	132	8	6.1
Roane	176	10	5.7
Tyler	122	10	8.2
Wirt	64	5	7.8
Wood	898	83	9.2

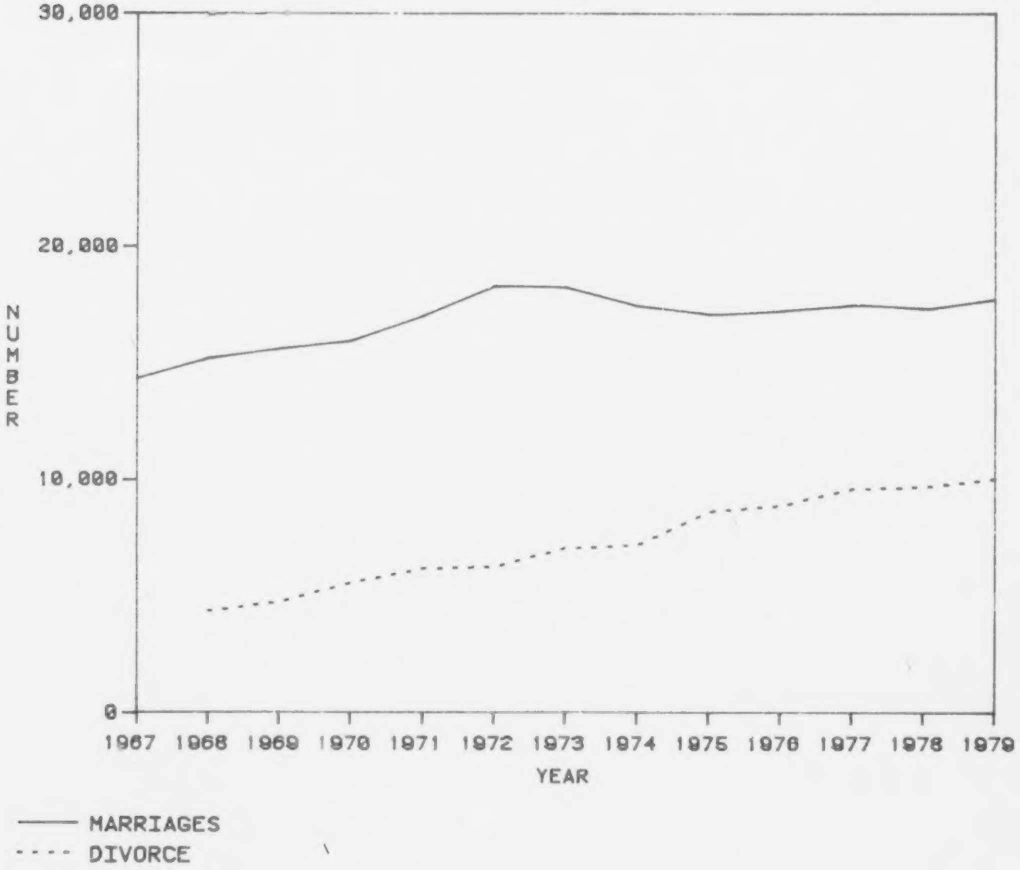
WEST VIRGINIA RESIDENT DEATHS 1979
Autopsies by Counties and Regions
Table 45 (cont'd)

COUNTY OF RESIDENCE	NUMBER OF DEATHS	NUMBER OF AUTOPSIES	PERCENTAGE OF DEATHS AUTOPSIED
Region 6:	2,678	303	11.3
Doddridge	69	8	11.6
Harrison	835	76	9.1
Marion	748	81	10.8
Monongalia	555	79	14.2
Preston	297	39	13.1
Taylor	174	20	11.5
Region 7:	1,194	125	10.5
Barbour	174	22	12.6
Braxton	131	13	9.9
Gilmer	75	11	14.7
Lewis	226	25	11.1
Randolph	273	27	9.9
Tucker	105	9	8.6
Upshur	210	18	8.6
Region 8:	645	67	10.4
Grant	87	10	11.5
Hampshire	133	12	9.0
Hardy	80	5	6.3
Mineral	244	32	13.1
Pendleton	101	8	7.9
Region 9:	768	101	13.2
Berkeley	405	56	13.8
Jefferson	256	30	11.7
Morgan	107	15	14.0
Region 10:	1,365	153	11.2
Marshall	357	30	8.4
Ohio	794	102	12.8
Wetzel	214	21	9.8
Region 11:	618	49	7.9
Brooke	280	21	7.5
Hancock	338	28	8.3
TOTAL	18,871	2,297	12.2


MARRIAGE AND DIVORCE
30,000
20,000
10,000
0
NUMBER
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
YEAR
MARRIAGES
DIVORCE

WEST VIRGINIA RESIDENT MARRIAGES AND DIVORCES 1967-1979

Exhibit 15



Year	Marriages	Divorce	Population
1967	14,330	Not available	1,769,000
1968	15,221	4,382	1,763,000
1969	15,604	4,772	1,746,000
1970	15,948	5,584	1,744,237
1971	16,987	6,178	1,768,000
1972	18,270	6,270	1,795,000
1973	18,199	7,056	1,782,000
1974	17,409	7,176	1,784,000
1975	17,041	8,632	1,803,000
1976	17,229	8,893	1,833,000
1977	17,484	9,605	1,853,000
1978	17,275	9,698	1,860,000
1979	17,738	10,046	1,878,000

WEST VIRGINIA RESIDENT MARRIAGES 1979
Month of Occurrence by Region and County
Table 46

County/Region	Month of Marriage											
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL
Region 1:	86	98	138	167	179	291	182	205	160	147	153	168	1,974
McDowell	12	6	19	27	23	44	22	25	20	25	20	24	267
Mercer	16	27	28	39	50	66	49	51	44	31	40	43	484
Monroe	1	2	3	5	6	14	5	8	7	5	6	6	68
Raleigh	35	41	54	67	66	106	78	85	65	55	54	55	761
Summers	11	5	3	10	11	16	10	12	5	8	7	4	102
Wyoming	11	17	31	19	23	45	18	24	19	23	26	36	292
Region 2:	156	178	199	246	246	403	247	304	217	237	237	276	2,946
Cabell	68	67	82	98	100	175	98	121	85	97	79	109	1,179
Lincoln	9	16	13	24	22	32	16	26	27	14	19	19	237
Logan	21	29	27	36	36	65	43	49	25	32	49	42	454
Mason	27	17	19	23	29	33	19	28	26	30	28	31	310
Mingo	19	27	28	41	34	51	27	37	28	30	35	37	394
Wayne	12	22	30	24	25	47	44	43	26	34	27	38	372
Region 3:	177	189	221	245	283	420	263	331	274	267	269	306	3,245
Boone	20	17	23	22	22	45	30	28	25	33	28	28	321
Clay	9	10	8	8	9	16	7	14	12	14	6	8	121
Kanawha	125	137	162	182	234	319	200	249	205	192	206	229	2,440
Putnam	23	25	28	33	18	40	26	40	32	28	29	41	363
Region 4:	60	66	64	99	95	169	129	128	101	97	98	116	1,222
Fayette	24	26	21	40	40	69	55	58	42	50	46	46	517
Greenbrier	8	12	11	27	21	33	27	28	27	19	23	21	257
Nicholas	17	16	13	16	20	41	28	30	16	16	16	31	260
Pocahontas	5	6	8	5	8	13	6	4	2	3	5	6	71
Webster	6	6	11	11	6	13	13	8	14	9	8	12	117
Region 5:	98	99	144	168	137	261	188	234	197	176	168	209	2,079
Calhoun	5	4	6	7	4	22	8	8	9	6	7	13	99
Jackson	11	19	15	16	23	39	21	36	25	23	25	19	272
Pleasants	1	5	6	8	6	7	9	7	7	9	6	16	87
Ritchie	7	7	5	5	10	15	6	10	13	10	11	10	109
Roane	10	9	18	14	4	20	16	23	28	15	12	18	187
Tyler	3	5	2	7	4	17	8	4	8	17	6	9	90
Wirt	3	2	4	4	6	11	8	7	4	7	6	6	68
Wood	58	48	88	107	80	130	112	139	103	89	95	118	1,167

WEST VIRGINIA RESIDENT MARRIAGES 1979
Month of Occurrence by Region and County
Table 46 (cont'd)

County/Region	Month of Marriage												
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL
Region 6:	95	96	125	156	194	298	185	251	187	159	162	176	2,084
Doddridge	5	4	4	6	5	9	6	7	6	8	6	6	72
Harrison	24	33	43	51	53	79	48	75	64	47	52	51	620
Marion	26	21	30	36	57	75	53	58	40	47	42	46	531
Monongalia	27	27	33	39	56	90	52	79	58	34	36	53	584
Preston	8	5	8	9	12	26	16	17	11	12	12	9	145
Taylor	5	6	7	15	11	19	10	15	8	11	14	11	132
Region 7:	50	52	62	111	95	157	119	143	112	106	104	107	1,218
Barbour	4	6	8	10	14	23	13	17	14	16	17	12	154
Braxton	5	4	9	12	11	18	15	15	17	12	10	13	141
Gilmer	4	4	4	4	12	9	9	8	7	6	5	4	76
Lewis	14	10	14	23	13	22	17	23	22	16	14	24	212
Randolph	14	18	12	34	11	33	30	41	24	27	28	21	293
Tucker	1	2	3	6	6	11	8	17	11	10	8	11	94
Upshur	8	8	12	22	28	41	27	22	17	19	22	22	248
Region 8:	14	17	27	27	45	74	24	41	40	48	27	45	429
Grant	1	1	6	7	5	8	1	8	2	5	6	11	61
Hampshire	4	1	3	6	7	13	0	9	8	16	3	11	81
Hardy	3	2	5	5	8	12	4	8	8	4	6	7	72
Mineral	4	11	9	5	18	19	12	15	16	15	8	8	140
Pendleton	2	2	4	4	7	22	7	1	6	8	4	8	75
Region 9:	21	22	41	45	50	63	46	66	62	48	36	42	542
Berkeley	11	16	21	24	23	31	24	35	26	23	21	18	273
Jefferson	9	3	18	15	20	26	16	24	26	20	12	20	209
Morgan	1	3	2	6	7	6	6	7	10	5	3	4	60
Region 10:	49	65	80	94	106	171	107	142	134	99	100	95	1,242
Marshall	18	16	17	30	23	62	32	33	34	23	34	28	350
Ohio	21	39	44	54	63	83	60	83	79	57	47	48	678
Wetzel	10	10	19	10	20	26	15	26	21	19	19	19	214
Region 11:	29	43	39	57	72	91	88	77	79	43	59	60	737
Brooke	6	18	10	14	31	35	23	26	26	13	16	20	238
Hancock	23	25	29	43	41	56	65	51	53	30	43	40	499
Out-of-State	4	1	0	2	1	3	3	1	1	2	0	2	20
TOTAL	839	926	1,140	1,417	1,503	2,401	1,581	1,923	1,564	1,429	1,413	1,602	17,738

WEST VIRGINIA RESIDENT MARRIAGES 1977-1979
Number by County
Table 47

COUNTY	1977	1978	1979	COUNTY	1977	1978	1979
Barbour	140	108	154	Monongalia	605	560	584
Berkeley	275	284	273	Monroe	57	81	68
Boone	271	306	321	Morgan	44	58	60
Braxton	121	149	141	Nicholas	266	250	260
Brooke	282	262	238	Ohio	643	663	678
Cabell	1,257	1,199	1,179	Pendleton	74	54	75
Calhoun	84	93	99	Pleasants	90	88	87
Clay	127	126	121	Pocahontas	62	64	71
Doddridge	71	90	72	Preston	152	155	145
Fayette	539	478	517	Putnam	308	311	363
Gilmer	72	78	76	Raleigh	725	717	761
Grant	51	71	61	Randolph	266	261	293
Greenbrier	253	223	257	Ritchie	110	102	109
Hampshire	76	85	81	Roane	163	160	187
Hancock	422	443	499	Summers	101	104	102
Hardy	77	73	72	Taylor	145	127	132
Harrison	666	699	620	Tucker	61	76	94
Jackson	242	242	272	Tyler	118	93	90
Jefferson	220	201	209	Upshur	225	236	248
Kanawha	2,429	2,438	2,440	Wayne	355	365	372
Lewis	205	206	212	Webster	123	105	117
Lincoln	230	220	237	Wetzel	215	224	214
Logan	523	491	454	Wirt	55	48	68
McDowell	257	246	267	Wood	1,109	1,135	1,167
Marion	546	523	531	Wyoming	272	249	292
Marshall	351	383	350				
Mason	293	315	310				
Mercer	495	445	484	STATE TOTAL	17,484	17,275	17,738
Mineral	146	137	140				
Mingo	396	346	394	*Out-of-State	23	29	20

WEST VIRGINIA RESIDENT MARRIAGES 1979
Age of Groom by Age of Bride
Table 48

Age of Bride	Age of Groom											
	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65 years & over	TOTAL
10-14 years	0	27	13	2	0	0	0	0	0	0	0	0	42
15-19 years	4	2,225	3,293	572	148	32	14	3	1	3	1	0	6,296
20-24 years	2	377	3,118	1,566	478	144	56	14	11	6	2	1	5,775
25-29 years	0	32	420	919	597	196	97	34	19	7	1	0	2,322
30-34 years	0	11	107	249	333	233	142	65	22	21	3	0	1,186
35-39 years	0	3	26	64	98	155	146	78	43	12	9	2	636
40-44 years	0	1	4	18	47	70	113	96	51	38	16	17	471
45-49 years	0	0	2	0	5	21	40	58	68	48	27	19	288
50-54 years	0	0	0	2	2	5	10	20	52	53	34	23	201
55-59 years	0	0	0	0	1	1	6	3	24	38	35	42	150
60-64 years	0	0	0	1	0	0	0	6	12	22	33	72	146
65 & over	0	1	0	0	0	0	1	2	5	13	25	178	225
TOTAL	6	2,677	6,983	3,393	1,709	857	625	379	308	261	186	354	17,738

WEST VIRGINIA RESIDENT MARRIAGES 1979
Previous Marital Status of Bride and Groom
Table 49

Bride	Groom					
	Never Married	Widowed	Divorced	Annulled	Not Stated	TOTAL
Never Married	10,071	73	1,897	16	13	12,070
Widowed	99	362	281	0	18	760
Divorced	1,547	229	3,009	3	26	4,814
Annulled	9	2	10	0	0	21
Not Stated	11	13	33	0	16	73
TOTAL	11,737	679	5,230	19	73	17,738

WEST VIRGINIA RESIDENT MARRIAGES 1979
Number of Previous Marriages for Bride and Groom
Table 50

Bride	Groom						
	Never Married	One Previous Marriage	Two Previous Marriages	Three Previous Marriages	Four or More Previous Marriages	Not Stated	TOTAL
Never Married	10,071	1,743	212	25	2	17	12,070
One Previous Marriage	1,435	2,498	503	76	11	10	4,533
Two Previous Marriages	188	464	233	37	3	2	927
Three Previous Marriages	21	63	29	19	1	1	134
Four or More Previous Marriages	3	9	10	4	5	0	31
Not Stated	19	14	3	0	0	7	43
TOTAL	11,737	4,791	990	161	22	37	17,738

WEST VIRGINIA DIVORCES AND ANNULMENTS 1979

Region and County of Occurrence

Table 51

County/Region	Divorces	Annulments	TOTAL
Region 1:	1,459	12	1,471
McDowell	264	4	268
Mercer	471	5	476
Monroe	55	0	55
Raleigh	418	2	420
Summers	68	0	68
Wyoming	183	1	184
Region 2:	1,710	10	1,720
Cabell	724	4	728
Lincoln	134	0	134
Logan	250	1	251
Mason	169	0	169
Mingo	221	0	221
Wayne	212	5	217
Region 3:	1,884	9	1,893
Boone	206	2	208
Clay	43	1	44
Kanawha	1,394	5	1,399
Putnam	241	1	242
Region 4:	706	3	709
Fayette	266	0	266
Greenbrier	185	0	185
Nicholas	157	0	157
Pocahontas	47	1	48
Webster	51	2	53
Region 5:	945	2	947
Calhoun	34	0	34
Jackson	131	0	131
Pleasants	52	1	53
Ritchie	46	1	47
Roane	82	0	82
Tyler	37	0	37
Wirt	21	0	21
Wood	542	0	542
Region 6:	1,190	2	1,192
Doddridge	23	0	23
Harrison	327	1	328
Marion	324	1	325
Monongalia	342	0	342
Preston	116	0	116
Taylor	58	0	58
Region 7:	534	1	535
Barbour	80	0	80
Braxton	58	0	58
Gilmer	30	1	31
Lewis	98	0	98
Randolph	132	0	132
Tucker	28	0	28
Upshur	108	0	108
Region 8:	289	1	290
Grant	37	0	37
Hampshire	62	0	62
Hardy	37	0	37
Mineral	127	0	127
Pendleton	26	1	27
Region 9:	455	1	456
Berkeley	195	0	195
Jefferson	198	1	199
Morgan	62	0	62
Region 10:	521	0	521
Marshall	190	0	190
Ohio	258	0	258
Wetzel	73	0	73
Region 11:	311	1	312
Hancock	121	0	121
Brooke	190	1	191
TOTAL	10,004	42	10,046

WEST VIRGINIA DIVORCES AND ANNULMENTS 1977-1979
Number by County
Table 52

COUNTY	1977	1978	1979	COUNTY	1977	1978	1979
Barbour	70	66	80	Monongalia	371	361	342
Berkeley	186	161	195	Monroe	42	53	55
Boone	80	146	208	Morgan	36	46	62
Braxton	1	32	58	Nicholas	143	150	157
Brooke	132	149	191	Ohio	248	164	258
Cabell	724	653	728	Pendleton	32	23	27
Calhoun	25	37	34	Pleasants	39	32	53
Clay	58	51	44	Pocahontas	24	43	48
Doddridge	26	29	23	Preston	98	113	116
Fayette	255	257	266	Putnam	179	191	242
Gilmer	34	26	31	Raleigh	421	489	420
Grant	24	26	37	Randolph	139	93	132
Greenbrier	144	173	185	Ritchie	35	38	47
Hampshire	56	63	62	Roane	58	77	82
Hancock	190	198	121	Summers	65	64	68
Hardy	36	34	37	Taylor	91	98	58
Harrison	333	348	328	Tucker	37	39	28
Jackson	108	118	131	Tyler	45	45	37
Jefferson	179	159	199	Upshur	101	140	108
Kanawha	1,417	1,434	1,399	Wayne	235	231	217
Lewis	116	79	98	Webster	67	65	53
Lincoln	127	106	134	Wetzel	93	93	73
Logan	296	275	251	Wirt	10	24	21
McDowell	247	260	268	Wood	543	538	542
Marion	287	359	325	Wyoming	205	189	184
Marshall	188	182	190				
Mason	165	156	169				
Mercer	434	452	476	STATE TOTAL	9,605	9,698	10,046
Mineral	100	67	127				
Mingo	210	203	221				

WEST VIRGINIA DIVORCES AND ANNULMENTS 1979

Age of Husband and Wife

Table 53

Age of Wife	Age of Husband										
	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60 & Over	Age Unknown	TOTAL
10-14 years	2	1	0	0	0	0	0	0	0	0	1	4
15-19 years	118	427	103	18	9	3	1	1	1	0	2	683
20-24 years	35	1,147	907	195	44	17	6	2	0	0	2	2,355
25-29 years	2	157	945	624	144	46	11	6	6	1	5	1,947
30-34 years	1	22	142	632	404	106	43	11	11	5	3	1,380
35-39 years	0	10	27	96	368	291	66	32	25	9	3	927
40-44 years	0	3	8	32	59	217	205	57	30	20	1	632
45-49 years	0	0	4	4	15	39	101	117	33	31	1	345
50-54 years	0	0	0	2	7	15	26	84	65	47	2	248
55-59 years	0	0	0	0	1	6	14	19	52	50	0	142
60 and Over	0	0	0	0	2	0	3	10	16	90	0	121
Age Unknown	1	11	7	6	5	4	4	3	4	8	1,209	1,262
TOTAL	159	1,778	2,143	1,609	1,058	744	480	342	243	261	1,229	10,046

WEST VIRGINIA DIVORCES AND ANNULMENTS 1979
Plaintiff by Duration of Marriage
Table 54

Duration of Marriage	Husband as Plaintiff				Wife as Plaintiff				Plaintiff Unknown				TOTAL	% of Total
	Div.	Annul.	Total	% of Total	Div.	Annul.	Total	% of Total	Div.	Annul.	Total	% of Total		
Duration of Marriage by Years:														
Less than 1 year	220	7	227	2.3	468	19	487	4.8	0	0	0	0	714	7.1
1 - 5 years	1256	8	1264	12.6	3214	7	3221	32.1	0	0	0	0	4485	44.6
6 - 10 years	563	0	563	5.6	1678	0	1678	16.7	0	0	0	0	2241	22.3
11 - 15 years	291	0	291	2.9	778	1	779	7.8	0	0	0	0	1070	10.7
16 - 20 years	177	0	177	1.8	471	0	471	4.7	0	0	0	0	648	6.5
21 - 25 years	122	0	122	1.2	320	0	320	3.2	0	0	0	0	442	4.4
26 - 30 years	66	0	66	0.7	150	0	150	1.5	0	0	0	0	216	2.2
31 - 35 years	36	0	36	0.4	74	0	74	0.7	0	0	0	0	110	1.1
36 - 40 years	23	0	23	0.2	27	0	27	0.3	0	0	0	0	50	0.5
41 - 45 years	5	0	5	0.0	10	0	10	0.1	0	0	0	0	15	0.1
46 - 50 years	2	0	2	0.0	3	0	3	0.0	0	0	0	0	5	0.0
51 - 55 years	2	0	2	0.0	3	0	3	0.0	0	0	0	0	5	0.0
Duration Unknown	9	0	9	0.1	31	0	31	0.3	5	0	5	0.0	45	0.4
TOTAL	2772	15	2787	27.7	7227	27	7254	72.2	5	0	5	0.0	10046	100.0

WEST VIRGINIA DIVORCES AND ANNULMENTS 1979
Type of Decree by Number of Children
Table 55

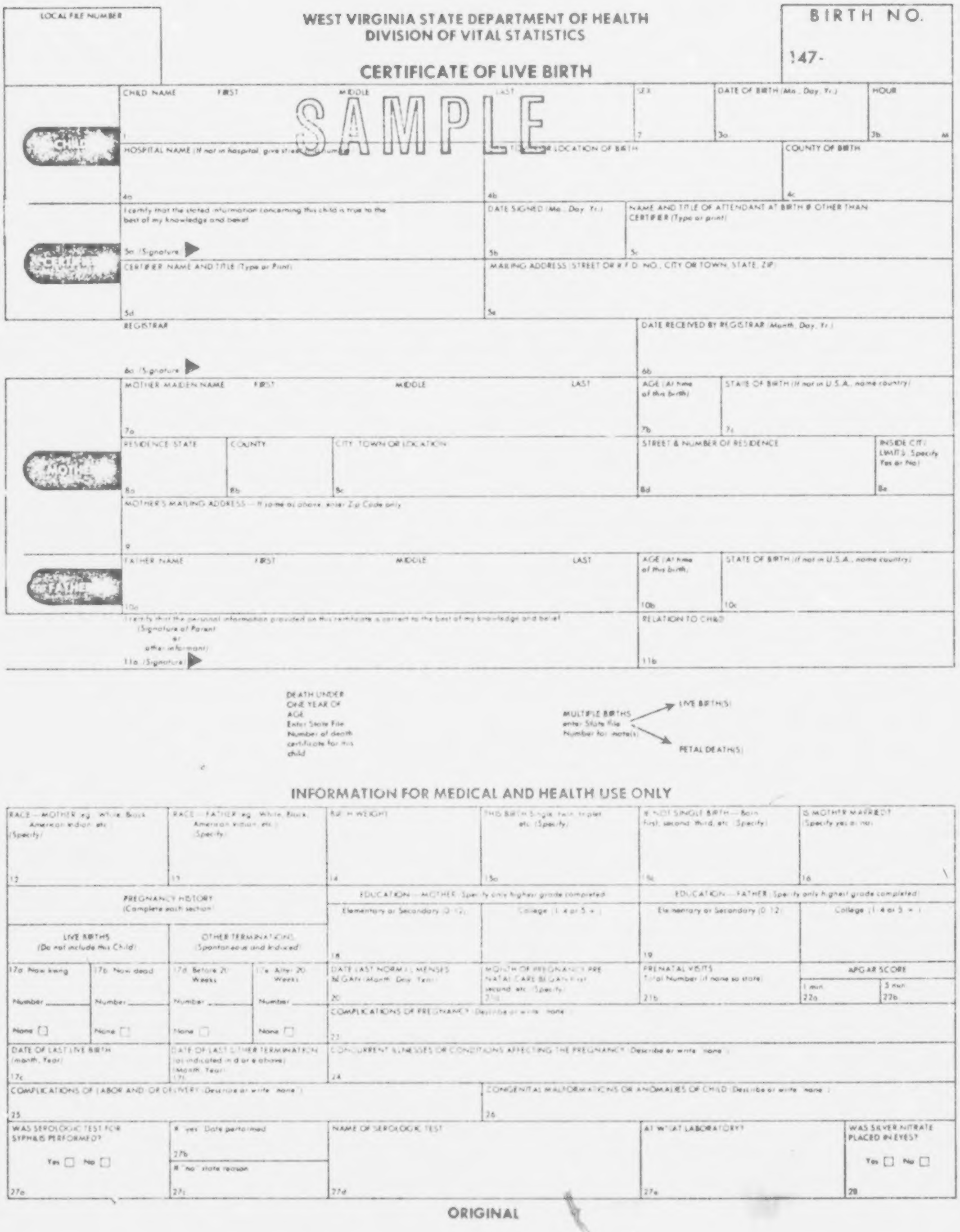
Number of Decrees	Number of Children Reported Under 18 Years of Age											
	None	One Child	Two Children	Three Children	Four Children	Five Children	Six Children	Seven Children	Eight Children	Ten Children	Unknown	TOTAL
Divorce	4,435 (44.3%)	2,765 (27.6%)	1,827 (18.3%)	671 (6.7%)	224 (2.2%)	55 (0.5%)	20 (0.2%)	2 (0.0%)	2 (0.0%)	1 (0.0%)	2 (0.0%)	10,004 (99.6%)
Annulment	38 (90.5%)	2 (4.8%)	1 (2.4%)	0 (0.0%)	1 (2.4%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	42 (0.4%)
TOTAL	4,473 (44.5%)	2,767 (27.5%)	1,828 (18.2%)	671 (6.7%)	225 (2.2%)	55 (0.5%)	20 (0.2%)	2 (0.0%)	2 (0.0%)	1 (0.0%)	2 (0.0%)	10,046 (100.0%)

WEST VIRGINIA DIVORCES AND ANNULMENTS 1979
Plaintiff by Age Group
Table 56

Plaintiff	Age of Plaintiff											
	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60 years & over	Age Unknown	TOTAL
Husband Percent	0 0.0	52 1.9	485 17.4	558 20.0	398 14.3	272 9.8	206 7.4	135 4.8	109 3.9	84 3.0	123 4.4	365 13.1	2787 100.0
Wife Percent	4 0.1	476 6.6	1707 23.5	1462 20.2	1062 14.6	672 9.3	451 6.2	242 3.3	150 2.1	95 1.3	64 0.9	869 12.0	7254 100.0
Unknown Percent	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	5 100.0	5 100.0
TOTAL Percent	4 0.0	528 5.3	2192 21.8	2020 20.1	1460 14.5	944 9.4	657 6.5	377 3.8	259 2.6	179 1.8	187 1.9	1239 12.3	10046 100.0

APPENDICES

APPENDIX A
Certificate of Live Birth



LOCAL FILE NUMBER	WEST VIRGINIA STATE DEPARTMENT OF HEALTH DIVISION OF VITAL STATISTICS CERTIFICATE OF LIVE BIRTH	BIRTH NO. 147-

SAMPLE

CHILD

CHILD NAME	FIRST	MIDDLE	LAST	SEX	DATE OF BIRTH (Mo., Day, Yr.)	HOUR	
1				2	3a	3b	M

HOSPITAL NAME (If not in hospital, give street and number)	CITY, TOWN, OR LOCATION OF BIRTH	COUNTY OF BIRTH
4a	4b	4c

CERTIFIER

I certify that the stated information concerning this child is true to the best of my knowledge and belief 5a (Signature) ▶	DATE SIGNED (Mo., Day, Yr.) 5b	NAME AND TITLE OF ATTENDANT AT BIRTH IF OTHER THAN CERTIFIER (Type or print) 5c
CERTIFIER NAME AND TITLE (Type or Print) 5d	MAILING ADDRESS (STREET OR R.F.D. NO., CITY OR TOWN, STATE, ZIP) 5e	

REGISTRAR 6a (Signature) ▶	DATE RECEIVED BY REGISTRAR (Month, Day, Yr.) 6b

MOTHER

MOTHER MAIDEN NAME	FIRST	MIDDLE	LAST	AGE (At time of this birth)	STATE OF BIRTH (If not in U.S.A., name country)
7a				7b	7c

RESIDENCE STATE	COUNTY	CITY, TOWN OR LOCATION	STREET & NUMBER OF RESIDENCE	INSIDE CITY LIMITS (Specify Yes or No)
8a	8b	8c	8d	8e

MOTHER'S MAILING ADDRESS — If same as above, enter Zip Code only
9

FATHER

FATHER NAME	FIRST	MIDDLE	LAST	AGE (At time of this birth)	STATE OF BIRTH (If not in U.S.A., name country)
10a				10b	10c

I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief (Signature of Parent or other informant) 11a (Signature) ▶	RELATION TO CHILD 11b

DEATH UNDER ONE YEAR OF AGE
Enter State File Number of death certificate for this child

MULTIPLE BIRTHS enter State File Number for mate(s) → LIVE BIRTH(S) → FETAL DEATH(S)

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE — MOTHER (e.g. White, Black, American Indian, etc.) (Specify) 12	RACE — FATHER (e.g. White, Black, American Indian, etc.) (Specify) 13	BIRTH WEIGHT 14	THIS BIRTH Single, twin, triplet, etc. (Specify) 15a	IF NOT SINGLE BIRTH — Born first, second, third, etc. (Specify) 15b	IS MOTHER MARRIED? (Specify yes or no) 16

PREGNANCY HISTORY (Complete each section)				EDUCATION — MOTHER (Specify only highest grade completed)		EDUCATION — FATHER (Specify only highest grade completed)	
LIVE BIRTHS (Do not include this Child)		OTHER TERMINATIONS (Spontaneous and Induced)		Elementary or Secondary (0-12) 18	College (1-4 or 5 +)	Elementary or Secondary (0-12) 19	College (1-4 or 5 +)
17a. Now living Number ____ None ☐	17b. Now dead Number ____ None ☐	17d. Before 20 Weeks Number ____ None ☐	17e. After 20 Weeks Number ____ None ☐	DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) 20	MONTH OF PREGNANCY PRENATAL CARE BEGAN (First, second, etc.) (Specify) 21a	PRENATAL VISITS Total Number (If none so state) 21b	APGAR SCORE 1 min. 22a 5 min. 22b
				COMPLICATIONS OF PREGNANCY (Describe or write "none") 23			
DATE OF LAST LIVE BIRTH (Month, Year) 17c		DATE OF LAST OTHER TERMINATION (as indicated in d or e above) (Month, Year) 17f		CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none") 24			

COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none") 25	CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write "none") 26

WAS SEROLOGIC TEST FOR SYPHILIS PERFORMED? Yes ☐ No ☐ 27a	If "yes" Date performed 27b If "no" state reason 27c	NAME OF SEROLOGIC TEST 27d	AT WHAT LABORATORY? 27e	WAS SILVER NITRATE PLACED IN EYES? Yes ☐ No ☐ 28

ORIGINAL

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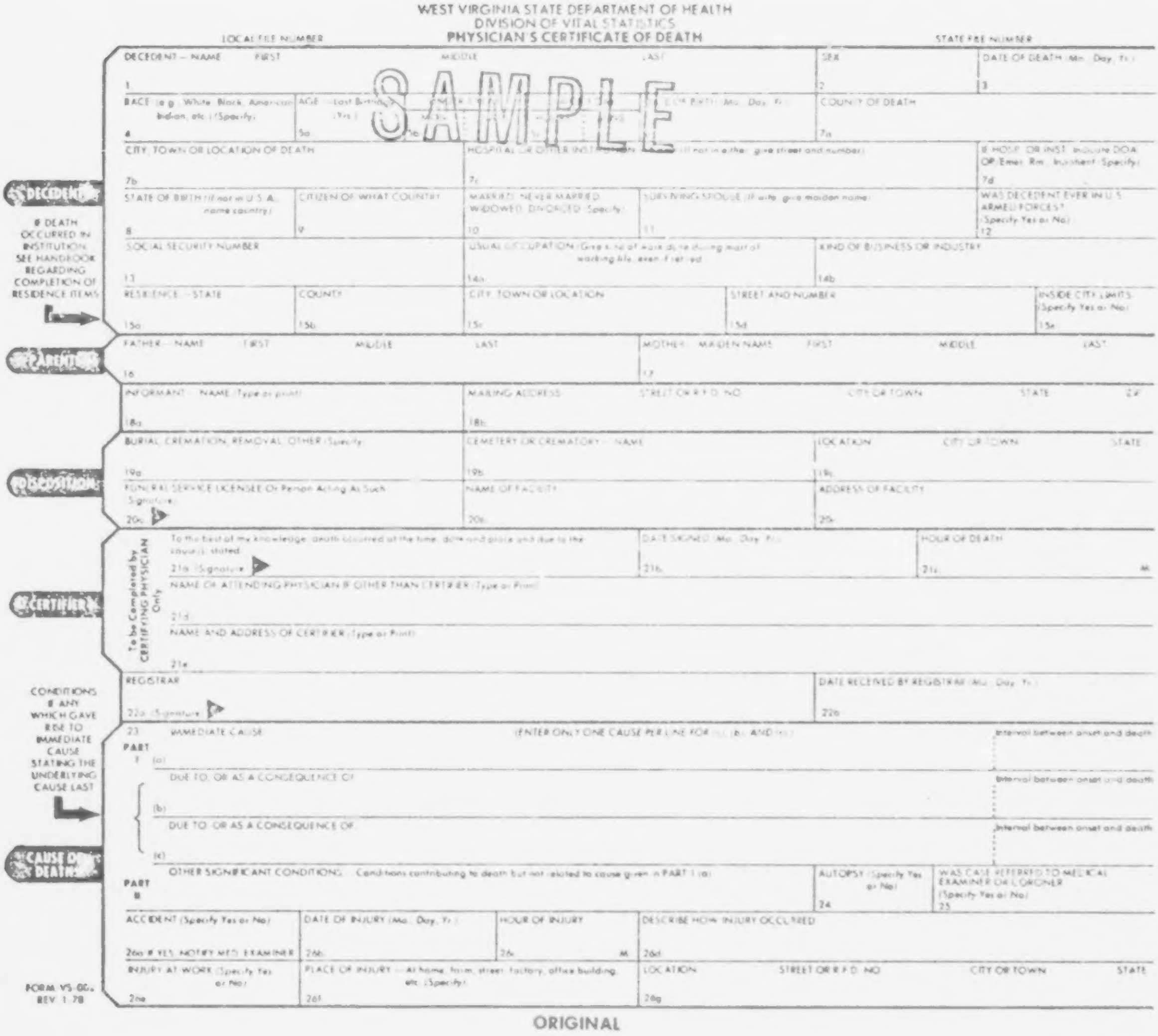
APPENDIX A
Physician's Certificate of Death



WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS
PHYSICIAN'S CERTIFICATE OF DEATH

LOCAL FILE NUMBER
STATE FILE NUMBER

SAMPLE

DECEDENT

DECEDENT — NAME FIRST MIDDLE LAST 1
SEX 2
DATE OF DEATH (Mo., Day, Yr.) 3
RACE (e.g., White, Black, American Indian, etc.) (Specify) 4
AGE — Last Birthday (Yrs.) 5a
5b
5c
OF BIRTH (Mo., Day, Yr.)
COUNTY OF DEATH 7a
CITY, TOWN OR LOCATION OF DEATH 7b
HOSPITAL OR OTHER INSTITUTION (If not in either, give street and number) 7c
IF HOSP. OR INST. Indicate DOA, OP/Emer. Rm., Inpatient (Specify) 7d
STATE OF BIRTH (If not in U.S.A., name country) 8
CITIZEN OF WHAT COUNTRY 9
MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify) 10
SURVIVING SPOUSE (If wife, give maiden name) 11
WAS DECEDENT EVER IN U.S. ARMED FORCES? (Specify Yes or No) 12
SOCIAL SECURITY NUMBER 13
USUAL OCCUPATION (Give kind of work done during most of working life, even if retired) 14a
KIND OF BUSINESS OR INDUSTRY 14b

IF DEATH OCCURRED IN INSTITUTION SEE HANDBOOK REGARDING COMPLETION OF RESIDENCE ITEMS

RESIDENCE — STATE 15a
COUNTY 15b
CITY, TOWN OR LOCATION 15c
STREET AND NUMBER 15d
INSIDE CITY LIMITS (Specify Yes or No) 15e

PARENTS

FATHER — NAME FIRST MIDDLE LAST 16
MOTHER — MAIDEN NAME FIRST MIDDLE LAST 17
INFORMANT — NAME (Type or print) 18a
MAILING ADDRESS STREET OR R.F.D. NO. CITY OR TOWN STATE ZIP 18b

DISPOSITION

BURIAL, CREMATION, REMOVAL, OTHER (Specify) 19a
CEMETERY OR CREMATORY — NAME 19b
LOCATION CITY OR TOWN STATE 19c
FUNERAL SERVICE LICENSEE Or Person Acting As Such (Signature) 20a
NAME OF FACILITY 20b
ADDRESS OF FACILITY 20c

CERTIFIER

To be Completed by CERTIFYING PHYSICIAN Only

To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated.
21a (Signature)
DATE SIGNED (Mo., Day, Yr.) 21b
HOUR OF DEATH 21c M
NAME OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER (Type or Print) 21d
NAME AND ADDRESS OF CERTIFIER (Type or Print) 21e
REGISTRAR 22a (Signature)
DATE RECEIVED BY REGISTRAR (Mo., Day, Yr.) 22b

CAUSE OF DEATH

CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING THE UNDERLYING CAUSE LAST

23 IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c))
PART I (a) Interval between onset and death
DUE TO, OR AS A CONSEQUENCE OF
(b) Interval between onset and death
DUE TO, OR AS A CONSEQUENCE OF
(c) Interval between onset and death
PART II OTHER SIGNIFICANT CONDITIONS — Conditions contributing to death but not related to cause given in PART I (a)
AUTOPSY (Specify Yes or No) 24
WAS CASE REFERRED TO MEDICAL EXAMINER OR CORONER (Specify Yes or No) 25
ACCIDENT (Specify Yes or No) 26a IF YES, NOTIFY MED. EXAMINER
DATE OF INJURY (Mo., Day, Yr.) 26b
HOUR OF INJURY 26c M
DESCRIBE HOW INJURY OCCURRED 26d
INJURY AT WORK (Specify Yes or No) 26e
PLACE OF INJURY — At home, farm, street, factory, office building, etc. (Specify) 26f
LOCATION STREET OR R.F.D. NO. CITY OR TOWN STATE 26g

FORM VS-06a
REV. 1-78

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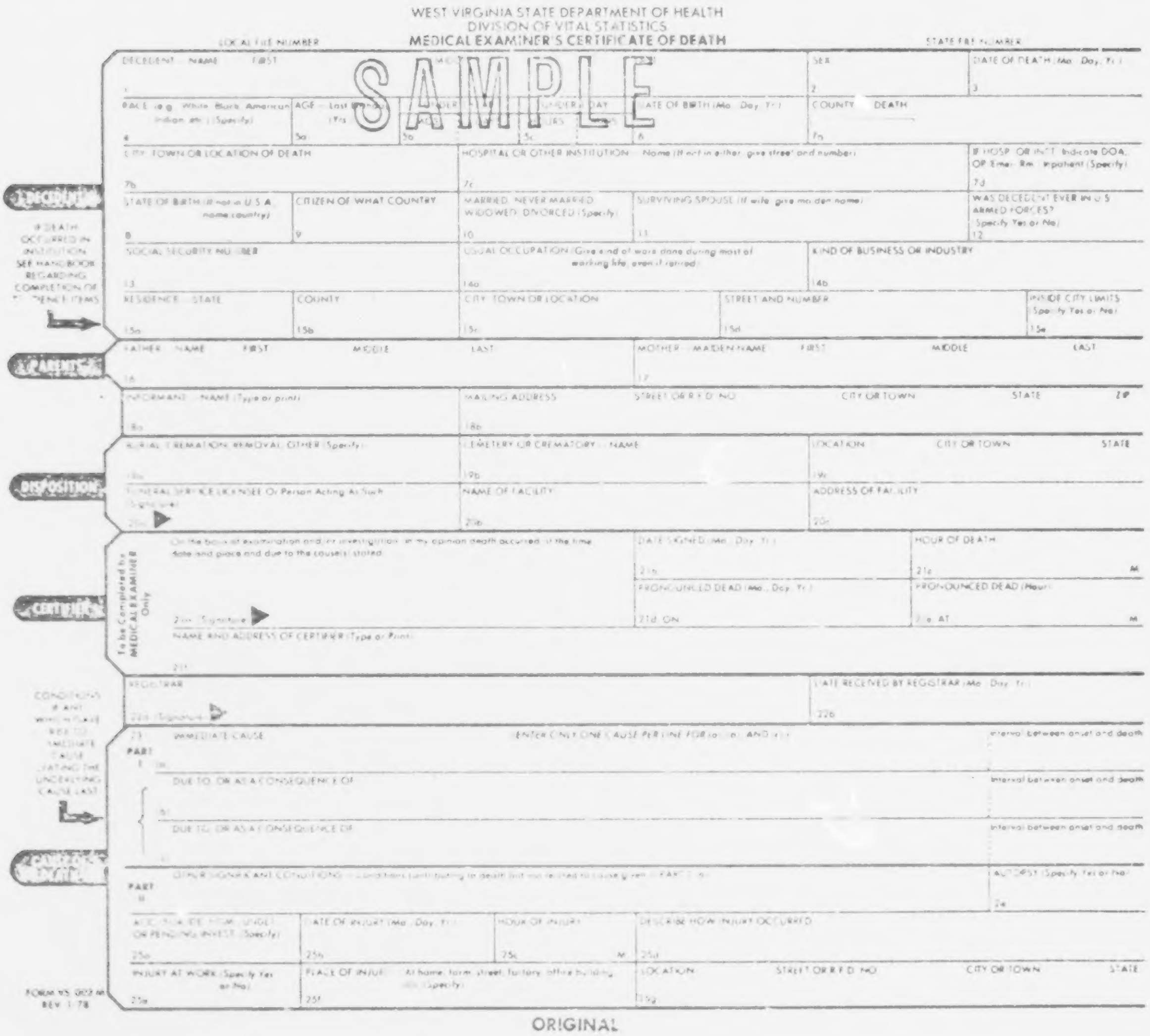
APPENDIX A
Medical Examiner's Certificate of Death



WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS
MEDICAL EXAMINER'S CERTIFICATE OF DEATH

SAMPLE

LOCAL FILE NUMBER

STATE FILE NUMBER

DECEDENT

DECEDENT — NAME FIRST MIDDLE LAST 1

SEX 2

DATE OF DEATH (Mo., Day, Yr.) 3

RACE (e.g., White, Black, American Indian, etc.) (Specify) 4

AGE — Last Birthday (Yrs) 5a

UNDER 1 YEAR MOS. DAYS 5b

UNDER 1 DAY HOURS MINS 5c

DATE OF BIRTH (Mo., Day, Yr.) 6

COUNTY OF DEATH 7a

CITY, TOWN OR LOCATION OF DEATH 7b

HOSPITAL OR OTHER INSTITUTION — Name (If not in either, give street and number) 7c

IF HOSP. OR INST. Indicate DOA, OP Emer. Rm., Inpatient (Specify) 7d

STATE OF BIRTH (If not in U.S.A., name country) 8

CITIZEN OF WHAT COUNTRY 9

MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify) 10

SURVIVING SPOUSE (If wife, give maiden name) 11

WAS DECEDENT EVER IN U.S. ARMED FORCES? (Specify Yes or No) 12

SOCIAL SECURITY NUMBER 13

USUAL OCCUPATION (Give kind of work done during most of working life, even if retired) 14a

KIND OF BUSINESS OR INDUSTRY 14b

RESIDENCE — STATE 15a

COUNTY 15b

CITY, TOWN OR LOCATION 15c

STREET AND NUMBER 15d

INSIDE CITY LIMITS (Specify Yes or No) 15e

IF DEATH OCCURRED IN INSTITUTION SEE HANDBOOK REGARDING COMPLETION OF RESIDENCE ITEMS

PARENTS

FATHER — NAME FIRST MIDDLE LAST 16

MOTHER — MAIDEN NAME FIRST MIDDLE LAST 17

INFORMANT — NAME (Type or print) 18a

MAILING ADDRESS STREET OR R.F.D. NO. CITY OR TOWN STATE ZIP 18b

DISPOSITION

BURIAL, CREMATION, REMOVAL, OTHER (Specify) 19a

CEMETERY OR CREMATORY — NAME 19b

LOCATION CITY OR TOWN STATE 19c

FUNERAL SERVICE LICENSEE Or Person Acting As Such (Signature) 20a

NAME OF FACILITY 20b

ADDRESS OF FACILITY 20c

CERTIFIER

To be Completed by MEDICAL EXAMINER Only

On the basis of examination and/or investigation, in my opinion death occurred at the time, date and place and due to the cause(s) stated.

21a (Signature)

DATE SIGNED (Mo., Day, Yr.) 21b

HOUR OF DEATH 21c M

PRONOUNCED DEAD (Mo., Day, Yr.) 21d ON

PRONOUNCED DEAD (Hour) 21e AT M

NAME AND ADDRESS OF CERTIFIER (Type or Print) 21f

REGISTRAR 22a (Signature)

DATE RECEIVED BY REGISTRAR (Mo., Day, Yr.) 22b

CAUSE OF DEATH

23 IMMEDIATE CAUSE — ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c)

PART I (a) — Interval between onset and death

DUE TO, OR AS A CONSEQUENCE OF

(b) — Interval between onset and death

DUE TO, OR AS A CONSEQUENCE OF

(c) — Interval between onset and death

CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE (a), STATING THE UNDERLYING CAUSE LAST

PART II OTHER SIGNIFICANT CONDITIONS — Conditions contributing to death but not related to cause given in PART I (a)

AUTOPSY (Specify Yes or No) 24

ACC., SUICIDE, HOM., UNDET., OR PENDING INVEST. (Specify) 25a

DATE OF INJURY (Mo., Day, Yr.) 25b

HOUR OF INJURY 25c M

DESCRIBE HOW INJURY OCCURRED 25d

INJURY AT WORK (Specify Yes or No) 25e

PLACE OF INJURY — At home, farm, street, factory, office building, etc. (Specify) 25f

LOCATION STREET OR R.F.D. NO. CITY OR TOWN STATE 25g

FORM VS 002 M
REV 1-78

ORIGINAL

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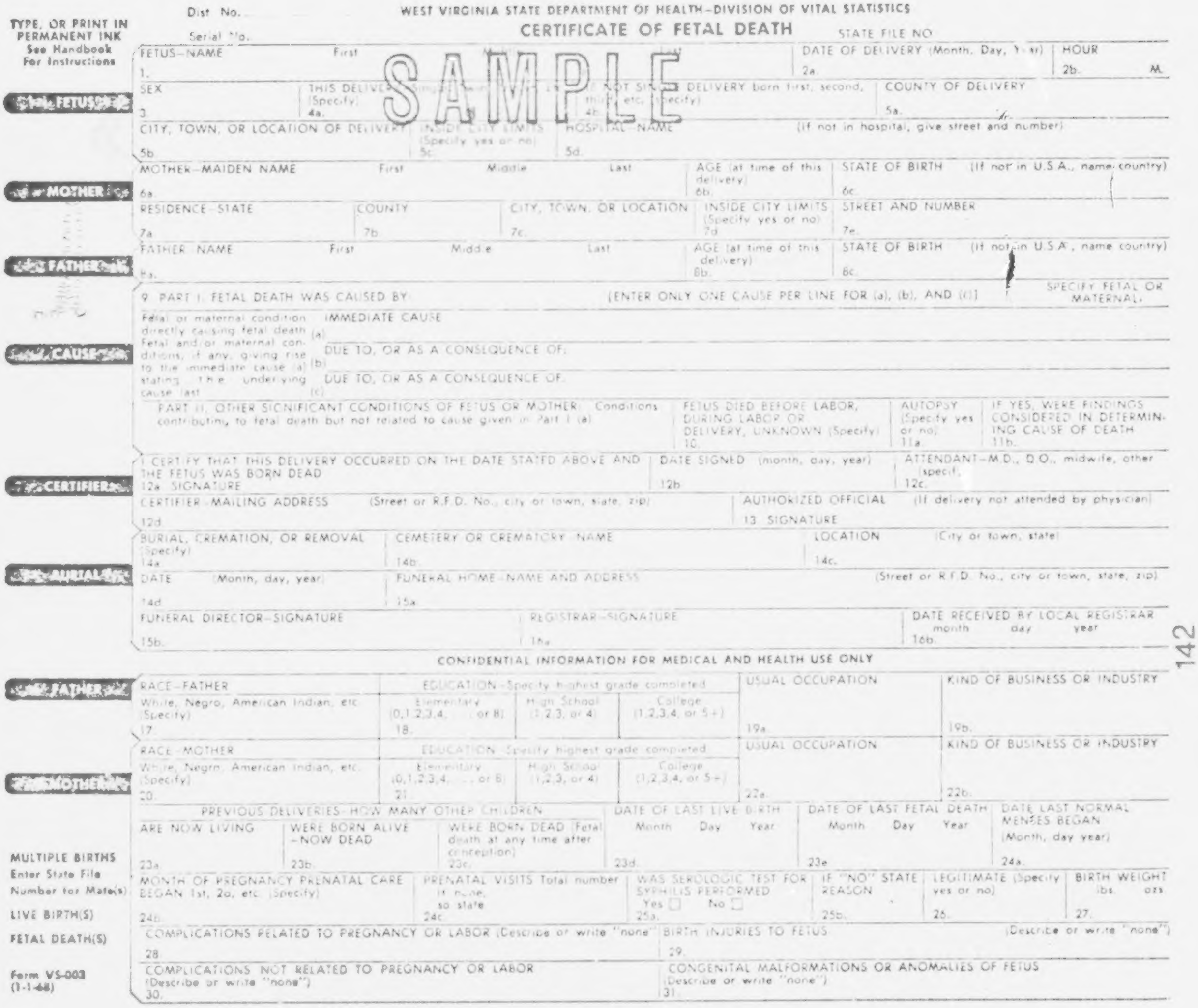
APPENDIX A
Certificate of Fetal Death



TYPE, OR PRINT IN PERMANENT INK
See Handbook For Instructions

Dist No.
Serial No.

WEST VIRGINIA STATE DEPARTMENT OF HEALTH–DIVISION OF VITAL STATISTICS

CERTIFICATE OF FETAL DEATH

STATE FILE NO

SAMPLE

FETUS

FETUS–NAME First Middle Last 1.
DATE OF DELIVERY (Month, Day, Year) 2a.
HOUR 2b. M.
SEX 3
THIS DELIVERY (Specify) 4a.
IF NOT SINGLE DELIVERY born first, second, third, etc. (specify) 4b.
COUNTY OF DELIVERY 5a.
CITY, TOWN, OR LOCATION OF DELIVERY 5b.
INSIDE CITY LIMITS (Specify yes or no) 5c.
HOSPITAL–NAME (If not in hospital, give street and number) 5d.

MOTHER

MOTHER–MAIDEN NAME First Middle Last 6a.
AGE (at time of this delivery) 6b.
STATE OF BIRTH (If not in U.S.A., name country) 6c.
RESIDENCE–STATE 7a
COUNTY 7b.
CITY, TOWN, OR LOCATION 7c.
INSIDE CITY LIMITS (Specify yes or no) 7d
STREET AND NUMBER 7e.

FATHER

FATHER NAME First Middle Last 8a.
AGE (at time of this delivery) 8b.
STATE OF BIRTH (If not in U.S.A., name country) 8c.

CAUSE

9 PART I. FETAL DEATH WAS CAUSED BY: (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c)) SPECIFY FETAL OR MATERNAL.
Fetal or maternal condition directly causing fetal death (a) IMMEDIATE CAUSE
Fetal and/or maternal conditions, if any, giving rise to the immediate cause (a) stating the underlying cause last (b) DUE TO, OR AS A CONSEQUENCE OF:
(c) DUE TO, OR AS A CONSEQUENCE OF:
PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: Conditions contributing to fetal death but not related to cause given in Part I (a)
FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN (Specify) 10.
AUTOPSY (Specify yes or no) 11a.
IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH 11b.

CERTIFIER

I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD
12a SIGNATURE
DATE SIGNED (month, day, year) 12b
ATTENDANT–M.D., D.O., midwife, other (specify) 12c.
CERTIFIER–MAILING ADDRESS (Street or R.F.D. No., city or town, state, zip) 12d
AUTHORIZED OFFICIAL (If delivery not attended by physician) 13 SIGNATURE

BURIAL

BURIAL, CREMATION, OR REMOVAL (Specify) 14a.
CEMETERY OR CREMATORY NAME 14b.
LOCATION (City or town, state) 14c.
DATE (Month, day, year) 14d
FUNERAL HOME–NAME AND ADDRESS (Street or R.F.D. No., city or town, state, zip) 15a.
FUNERAL DIRECTOR–SIGNATURE 15b.
REGISTRAR–SIGNATURE 16a.
DATE RECEIVED BY LOCAL REGISTRAR month day year 16b.

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

FATHER

RACE–FATHER White, Negro, American Indian, etc. (Specify) 17.
EDUCATION–Specify highest grade completed: Elementary (0,1,2,3,4, ... or 8) High School (1,2,3, or 4) College (1,2,3,4, or 5+) 18.
USUAL OCCUPATION 19a.
KIND OF BUSINESS OR INDUSTRY 19b.

MOTHER

RACE–MOTHER White, Negro, American Indian, etc. (Specify) 20.
EDUCATION–Specify highest grade completed: Elementary (0,1,2,3,4, ... or 8) High School (1,2,3, or 4) College (1,2,3,4, or 5+) 21.
USUAL OCCUPATION 22a.
KIND OF BUSINESS OR INDUSTRY 22b.

PREVIOUS DELIVERIES–HOW MANY OTHER CHILDREN
ARE NOW LIVING 23a.
WERE BORN ALIVE–NOW DEAD 23b.
WERE BORN DEAD (Fetal death at any time after conception) 23c.
DATE OF LAST LIVE BIRTH Month Day Year 23d.
DATE OF LAST FETAL DEATH Month Day Year 23e
DATE LAST NORMAL MENSES BEGAN (Month, day year) 24a.
MONTH OF PREGNANCY PRENATAL CARE BEGAN 1st, 2d, etc. (Specify) 24b.
PRENATAL VISITS Total number if none, so state 24c.
WAS SEROLOGIC TEST FOR SYPHILIS PERFORMED Yes ☐ No ☐ 25a.
IF "NO" STATE REASON 25b.
LEGITIMATE (Specify yes or no) 26.
BIRTH WEIGHT lbs. ozs 27.
COMPLICATIONS RELATED TO PREGNANCY OR LABOR (Describe or write "none") 28.
BIRTH INJURIES TO FETUS (Describe or write "none") 29.
COMPLICATIONS NOT RELATED TO PREGNANCY OR LABOR (Describe or write "none") 30.
CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or write "none") 31.

MULTIPLE BIRTHS
Enter State File Number for Mate(s)
LIVE BIRTH(S)
FETAL DEATH(S)

Form VS-003
(1-1-68)

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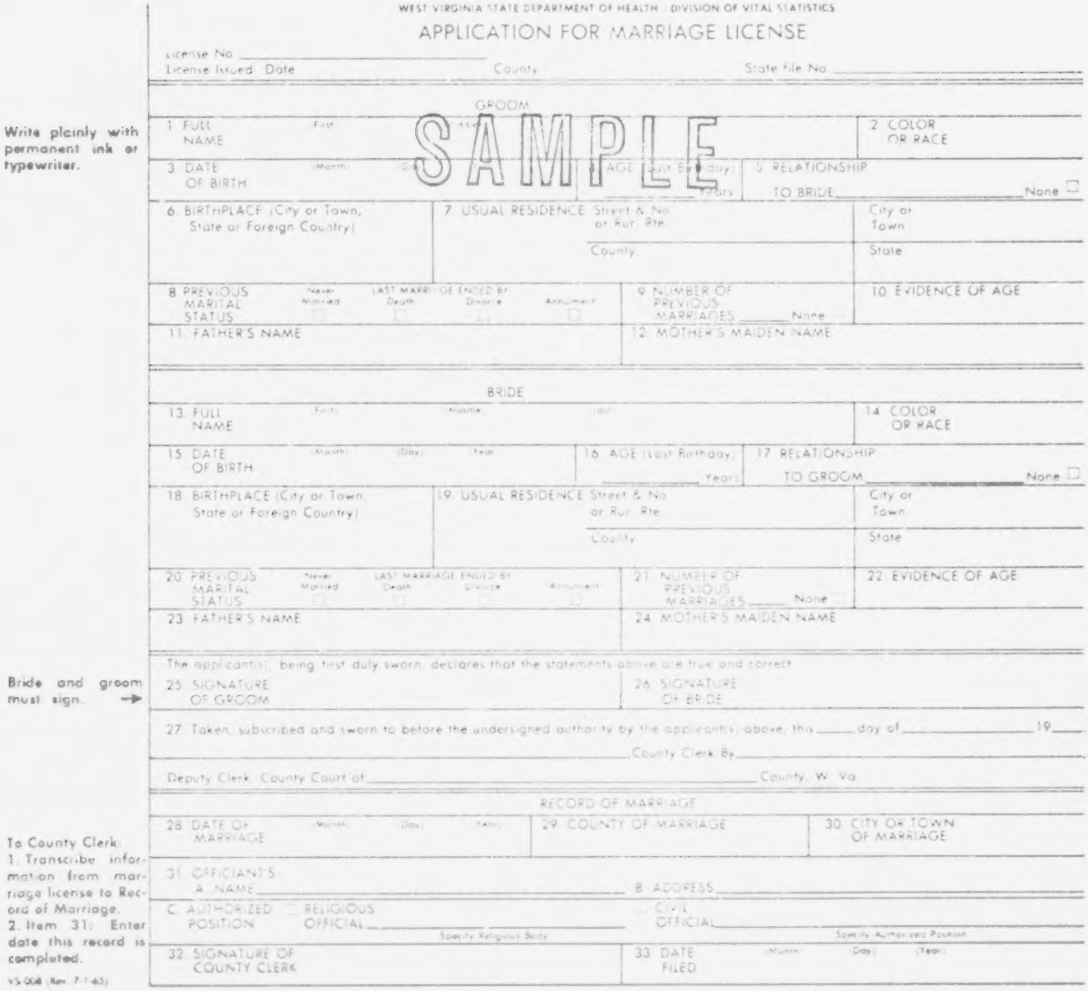
APPENDIX A
Application for Marriage License



WEST VIRGINIA STATE DEPARTMENT OF HEALTH · DIVISION OF VITAL STATISTICS

APPLICATION FOR MARRIAGE LICENSE

License No ______

License Issued: Date County State File No ______

SAMPLE

Write plainly with permanent ink or typewriter.

GROOM

1. FULL NAME (First)
2. COLOR OR RACE
3. DATE OF BIRTH (Month)
4. AGE (Last Birthday) ______ Years
5. RELATIONSHIP TO BRIDE ______ None ☐
6. BIRTHPLACE (City or Town, State or Foreign Country)
7. USUAL RESIDENCE Street & No. or Rur. Rte. County City or Town State
8. PREVIOUS MARITAL STATUS Never Married ☐ LAST MARRIAGE ENDED BY Death ☐ Divorce ☐ Annulment ☐
9. NUMBER OF PREVIOUS MARRIAGES ______ None ☐
10. EVIDENCE OF AGE
11. FATHER'S NAME
12. MOTHER'S MAIDEN NAME

BRIDE

13. FULL NAME (First) (Middle) (Last)
14. COLOR OR RACE
15. DATE OF BIRTH (Month) (Day) (Year)
16. AGE (Last Birthday) ______ Years
17. RELATIONSHIP TO GROOM ______ None ☐
18. BIRTHPLACE (City or Town, State or Foreign Country)
19. USUAL RESIDENCE Street & No. or Rur. Rte. County City or Town State
20. PREVIOUS MARITAL STATUS Never Married ☐ LAST MARRIAGE ENDED BY Death ☐ Divorce ☐ Annulment ☐
21. NUMBER OF PREVIOUS MARRIAGES ______ None ☐
22. EVIDENCE OF AGE
23. FATHER'S NAME
24. MOTHER'S MAIDEN NAME

The applicant(s), being first duly sworn, declares that the statements above are true and correct.

Bride and groom must sign. →

25. SIGNATURE OF GROOM
26. SIGNATURE OF BRIDE
27. Taken, subscribed and sworn to before the undersigned authority by the applicant(s) above, this ____ day of ______ 19____

______, County Clerk By ______

Deputy Clerk, County Court of ______ County, W. Va.

RECORD OF MARRIAGE

28. DATE OF MARRIAGE (Month) (Day) (Year)
29. COUNTY OF MARRIAGE
30. CITY OR TOWN OF MARRIAGE
31. OFFICIANT'S A. NAME ______ B. ADDRESS ______

C. AUTHORIZED POSITION ☐ RELIGIOUS OFFICIAL ______ Specify Religious Body ☐ CIVIL OFFICIAL ______ Specify Authorized Position

32. SIGNATURE OF COUNTY CLERK
33. DATE FILED (Month) (Day) (Year)

To County Clerk:
1. Transcribe information from marriage license to Record of Marriage.
2. Item 31: Enter date this record is completed.

VS-008 (Rev. 7-1-65)

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APPENDIX A
Monthly Report of Divorces and Annulments of Marriage Granted

WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS

Page No. ____

MONTHLY REPORT OF DIVORCES AND ANNULMENTS OF MARRIAGE GRANTED

______________________ COUNTY REPORT FOR THE MONTH OF ______________, 19 ___

CIVIL ACTION NUMBER	NAME HUSBAND'S FULL NAME WIFE'S MAIDEN NAME	DATE OF BIRTH, OR AGE	PLACE OF THIS MARRIAGE COUNTY	STATE	DATE OF THIS MARRIAGE	PLAINTIFF (SPECIFY)	DIVORCE OR ANNULMENT (SPECIFY)	NAME(S) CHILDREN UNDER EIGHTEEN	DATE OF THIS DECREE	DO NOT WRITE IN THIS SPACE

SAMPLE

DVS-9 (5-'67)

(SEE REVERSE SIDE FOR INSTRUCTIONS AND CERTIFICATION)

APPENDIX B

Groupings of ICDA Codes

I.C.D.A.	SELECTED CAUSES
001-009	Intestinal infectious diseases
010-018	Tuberculosis
038	Septicemia
140-208	Malignant neoplasms
150-159	--of digestive organs and peritoneum
160-165	--of respiratory and intrathoracic organs
179-189	--of genitourinary organs
210-239	Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature
250	Diabetes mellitus
260-269	Nutritional deficiencies
280-285	Anemias
390-448	Major cardiovascular diseases
390-398, 402-404-429	Diseases of the heart
401-403	Hypertension with or without renal disease
430-438	Cerebrovascular diseases
440	Arteriosclerosis
441-448	Other diseases of arteries, arterioles, and capillaries
480-487	Pneumonia and influenza
480-486	Pneumonia
487	Influenza
490-496	Chronic obstructive pulmonary disease and allied conditions
490-493	Bronchitis, emphysema, and asthma
500-508	Pneumoconiosis and other lung diseases due to external agents
500	Coalworker's pneumoconiosis
531-533	Ulcer of stomach and duodenum
550-553, 560	Hernia of abdominal cavity and intestinal obstruction
571	Chronic liver disease and cirrhosis
574-575	Cholelithiasis and other disorders of gallbladder
580-589	Nephritis, nephrotic syndrome, and nephrosis
590	Infection of kidney
740-759	Congenital anomalies
760-779	Certain conditions originating in the perinatal period
767-769	Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome
765	Disorders relating to short gestation and unspecified low birth weight
780-799	Symptoms, signs, and ill-defined conditions
E800-E949	Accidents, all forms
E810-E825	Motor vehicle accidents
	Home accidents
	Work accidents
E950-E959	Suicide
E960-E969	Homicide
Residual Codes	All other causes